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U. S. DEPARTMENT

“Sterling Quality” Seeds, 1925

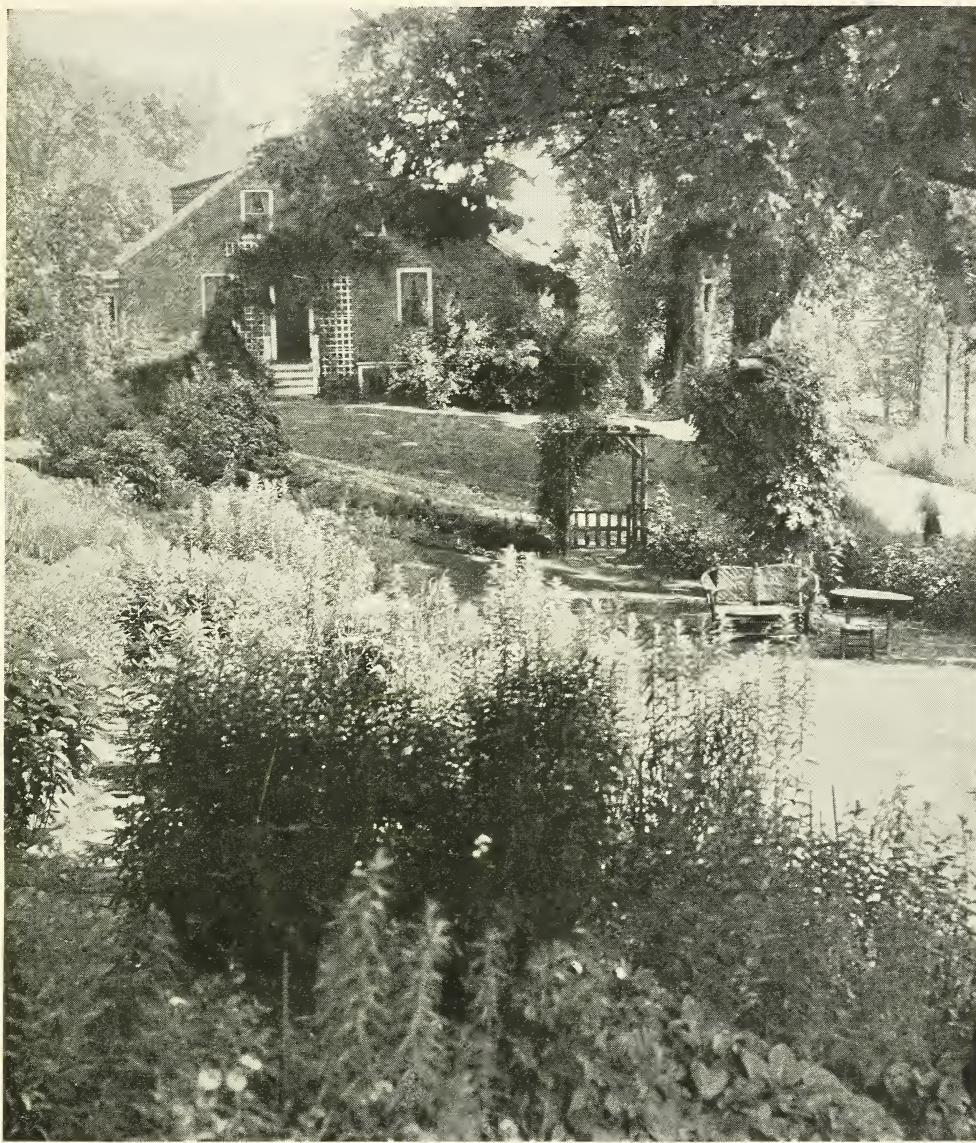


Photo by Adams, Portland, Me.

The “Old Jonah Dyer Place”
Cape Elizabeth, Maine

ALLEN, STERLING & LOTHROP

49 Exchange Street - 64 Market Street
Portland, Maine.

Information and Suggestions to Customers

PARCEL POST RATES

Weight limit 1st, 2nd and 3rd zones, 70 lbs.; in other zones, 50 lbs. Bulk limit to all zones, 84 inches. Poisons (Insecticides) cannot be sent by parcel post. Liquids and goods packed in glass should be sent by express.

Portland and Rural Delivery	Local	5c.	1/2c.	70 lbs.
Within 150 miles	Zone 1 and 2	5c.	1c.	70 lbs.
150 to 300 "	" 3	6c.	2c.	70 lbs.
300 to 600 "	" 4	7c.	4c.	50 lbs.
600 to 1,000 "	" 5	8c.	6c.	50 lbs.
1,000 to 1,400 "	" 6	9c.	8c.	50 lbs.
1,400 to 1,800 "	" 7	11c.	10c.	50 lbs.
1,800 miles and over	" 8	12c.	12c.	50 lbs.

Caution

"Sterling Quality" Seeds are the highest grade obtainable and intended for the *particular* market gardener, florist and individual. *We do not sell to dealers.* "Sterling Quality" Seeds can be procured only directly from us.

Free Delivery

We deliver "Sterling Quality" flower and vegetable seeds *free* to any address in the United States when purchased by the *packet, ounce, half pound and pound.*

Orders

Should be written on our order sheet or on a blank sheet separate from letter, preferably in ink. *Be sure to sign your name and give your address.*

Remittances

Can be safely sent by Bank Check, Post Office Order, Registered Letter or Express Money Order. Postage Stamp remittances taken in amounts less than \$1.00.

New Customers

Will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Market Gardeners

Farmers' Clubs and Institutions purchasing Seeds in large quantities should write for special prices. Send a list of quantities and varieties required and we will return list promptly with quotations.

No Charge for Packing

But bags billed at cost. If returned in good condition free of expense, they will be credited at price charged.

Telephone Orders

Will be given immediate attention. Call Portland Forest 624 Forest 625

Non-Warranty

We give no warranty, expressed or implied, as to description, quality or productiveness of any seeds, bulbs or plants, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ALLEN, STERLING & LOTHROP
PORTLAND, MAINE

For Index of the Contents of this Catalogue, see inside back cover



Allen, Sterling & Lothrop

49 EXCHANGE STREET
64 MARKET STREET
PORTLAND, MAINE

ORDER SHEET

“Sterling Quality” Seeds

**PLEASE DO NOT WRITE
IN THIS SPACE**

Date

Gentlemen:—I am enclosing _____ for the following seeds to be sent by _____

(State here if wanted by Mail, Express or Freight)

Name _____

P. O. Address

St. or R.F.D. _____ *State* _____

Express or Freight Station
[If different from P.O.]

Allen, Sterling & Lothrop give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and will be in no way responsible for the crop. If the purchaser does not accept seeds on these terms, they are at once to be returned.

TEAR OFF THIS ORDER SHEET ALONG THIS LINE

PLEASE DO NOT WRITE IN THIS SPACE

Remember—No order too large or too small to send to us!

Help Us Perfect Our Mailing List

Is the Address on the envelope in
closing this Catalog correct?

If Duplicate Copies of our Catalog come to your home
what name should be stricken from our list?

1925 Catalogue of "Sterling Quality" Seeds

(Garden, Field, Flower and Lawn)

*also Barn Equipment, Separators, Sprayers,
Insecticides, Farm and Garden Tools, Dairy
and Poultry Supplies, Plants, Bulbs,
Fertilizers, Etc.*

Our Cover

Our cover this year shows the old brick house at Shanunga, Cape Elizabeth, the summer home of Doctor and Mrs. Walter E. Tobie. This house was built about one hundred and sixty years ago and was for years known as the Jonah Dyer house from the son of the builder who lived in it for eighty years.

The present owner bought the property in 1915 and had the house repaired and restored to its original form. The Farm comprises one hundred and twenty-six acres, half in field and half in woodland. Reforestation is under way. Thousands of pines and spruce have been set out and seed beds started for the growth of little trees. Visitors are attracted particularly by the beautiful gardens which contain a remarkable collection of shrubs and perennial plants. Mrs. Tobie has specialized in iris and has originated many new varieties by cross pollination.

We have had the pleasure of contributing to the success of this farm and garden by furnishing seeds and supplies every year since Dr. and Mrs. Tobie purchased this wonderful old place.



Allen, Sterling & Lothrop

49 Exchange Street and 64 Market Street
Portland, Maine

GENERAL LIST OF

"STERLING QUALITY" VEGETABLE SEEDS

NOTE—We deliver postpaid to any post office within the U. S. vegetable seeds in packets, ounces, and pounds, except beans, corn, and peas. If these are desired by parcel post, add regular parcel post rates as found on front cover in this catalogue.

ASPARAGUS

Sow the seeds thinly in April or May in rows one foot apart and one inch deep; when the plants are well up, thin to 3 or 4 inches apart in the rows.

The next season plant in rows 3 feet apart and 1 foot in the rows, covering the plants about 6 inches.

The soil should be thoroughly manured and trenched, at least 2 feet.

One ounce will produce about 200 plants, 4 to 5 pounds to the acre.

Conover's Colossal. A standard sort of large size and excellent quality. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c.

Palmetto. A standard light green variety.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c.

Washington. A rust resistant variety of vigorous growth and excellent quality. The tips are tight and firm and do not open out until well out of the ground. Recommended for the home and market garden. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



ASPARAGUS

ASPARAGUS ROOTS

We offer strong two year old roots grown from selected seed in the following varieties. (See description of seed.)

Conover's Colossal, 100 roots, \$1.50. Post paid, \$1.75.

Palmetto, 100 roots, \$1.50. Post paid, \$1.75.

Washington, 100 roots, \$2.00. Post paid, \$2.25.

Special quotations by the thousand.

BEANS—Dwarf or Bush

Plant in light, warm soil in the spring, when danger from frost is past, in drills from 2 to 3 feet apart, covering about 2 inches deep. Sow every two weeks for a succession. Cultivate frequently until they blossom, but only when dry.

If wanted by Parcel post, add postage.

Green-Podded Varieties

Bountiful. Early and prolific, flat green pods, cook tender. Pkt. 15c., lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Burpee's Stringless Green Pod. Combines unusual hardiness, extreme earliness and wonderful productiveness. The pods are tender, brittle and of the finest flavor; always entirely stringless.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Burpee's Improved Bush Lima. Compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick and ready to market eight to ten days earlier. Pkt. 20c., lb. 40c., 2 lbs. 75c., 15 lbs. \$3.75.

FRENCH'S DWARF HORTICULTURAL. This is a bean of the Horticultural type. Pods remarkably large, many containing seven beans, beautifully splashed with bright crimson. Never spots or rusts. The vines are vigorous and productive, inclined to send out runners, but do not affect the bean in any way. Very popular with market gardeners.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 15 lbs. \$3.75.

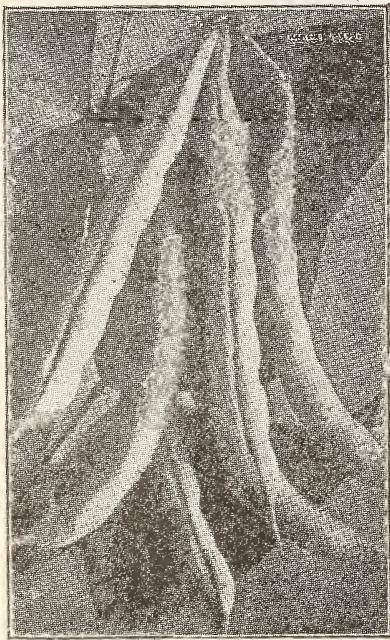
Dwarf Horticultural. A fine shell bean with long green pods, very productive.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

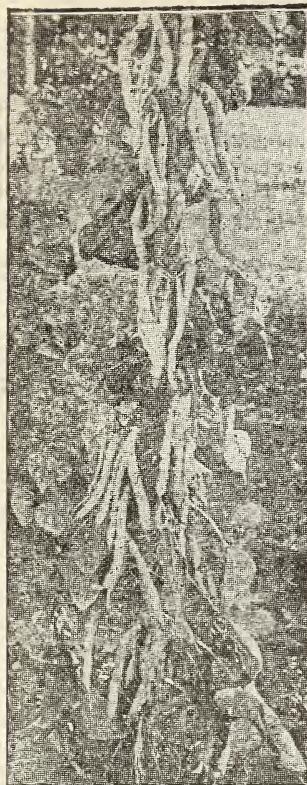
Long Yellow Six Weeks. An early standard variety, Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Low's Champion. Very early, absolutely stringless, exquisite flavor, very productive. One of the finest snap beans, an excellent shell bean, and is of splendid flavor when cooked dry.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.



BURPEE'S STRINGLESS GREEN-POD



KENTUCKY WONDER

BEANS—Dwarf Green-podded Varieties—Continued

Broad Windsor. (English.) Plant as early in the spring as the ground can be worked, from 2 to 4 inches apart in drills 3 feet apart, cover the seed about 4 inches. Pkt. 20c., 1 lb. 40c., 2 lbs. 75c.

Red Kidney. Fine for baking and a good shell bean.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Snowflake Pea. The best small white pea bean, early and productive.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Yellow-Eyed (Old-fashioned.) Very productive. Fine for baking, extensively grown as a dry bean for winter use.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Yellow-Eyed (Improved.) 1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

BEANS—Dwarf Wax Podded Varieties

Black Wax, Pencil Pod. Pods are long, pencil like, tender and brittle. In color they are a rich, dark yellow, hardy and productive.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Burpee's Kidney Wax. An early and very productive variety, pods are entirely stringless and of fine quality. Free from blight and rust.
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50

Improved Golden Wax. An early, hardy variety, flat, golden-yellow pods.
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Sure Crop Stringless Wax. A wax-podded variety of remarkable growth and productiveness. Plants hardy and prolific; pods $7\frac{1}{2}$ inches long and about $\frac{1}{2}$ inch wide, of a rich yellow color, perfectly stringless, excellent for home and market gardens.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

**BEANS—Pole**

Plant in hills 4 feet apart, 4 to 5 beans to a hill. Poles should be firmly set before planting.

If wanted by Parcel Post, add postage.

Horticultural, or Speckled Cranberry. An old favorite, early and prolific; excellent quality either as a snap or shell bean or for cooking dry.
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Kentucky Wonder, or Old Homestead. A long, green podded variety, very prolific and of fine quality and perfectly stringless.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Kentucky Wonder Wax. The best pole wax bean; it is similar in habit of growth to "Kentucky Wonder Green Pod."

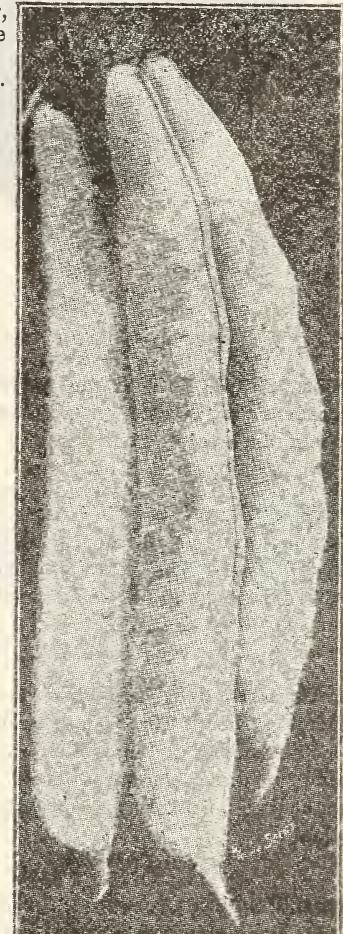
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Lazy Wife's. Beans white; pods green, very thick, meaty, entirely stringless; very productive. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Red Cranberry. The pods are green, large and tender; one of the best snap beans. Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Scarlet Runner. An ornamental climber with bright scarlet flowers.

Pkt. 10c., 1 lb. 45c.



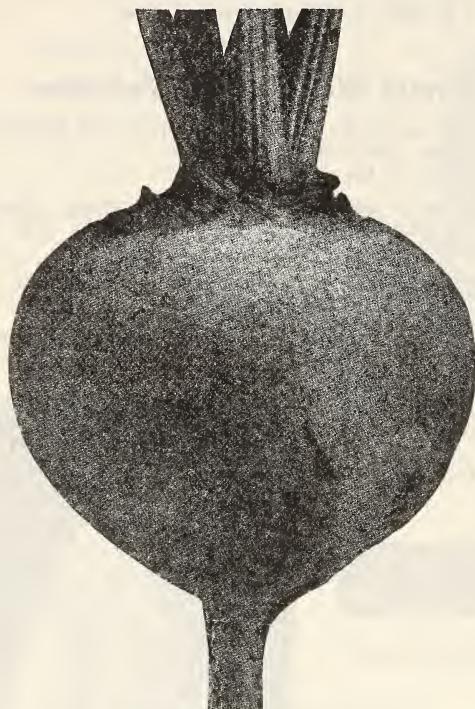
NOTE—We deliver postpaid to any post office within the United States Vegetable seeds in packets, ounces and pounds, except Beans, Corn, and Peas. If these are wanted by Parcel Post, add postage. See table, front cover.

SURE CROP STRINGLESS WAX

BEET

Sow as early in the spring as the ground can be worked. For succession sow at intervals until the first of July. The soil should be well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 15 inches apart and cover one inch. When well up thin out 4 inches apart in the rows.

One ounce to fifty feet of drill; six pounds to the acre.



DETROIT DARK RED BEET

EARLY WONDER. A fine early variety, the market gardener's favorite on account of its symmetrical form, dark color, small top and early maturity.

Pkt. 10c., oz. 20c., 2 oz. 35c., 1/4 lb. 50c., lb. \$1.50.

Crosby's Egyptian. The roots are flattened, globe shaped and very smooth. Exterior color of root bright red. The flesh is bright vermillion red, zoned with a lighter shade, very sweet, tender and of excellent quality.

Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.50.

Detroit Dark Red. The best beet for the market and home garden. Tops small, upright in growth. Root medium-sized, globular or nearly round, very smooth, and of dark blood red color. Very desirable for bunching. Uniform in growth and unsurpassed in quality.

Pkt. 10c., oz. 20c., 2 oz. 35c., 1/4 lb. 50c., lb. \$1.25.

Edmand's Blood Turnip. A medium early sort, deep red, popular with market gardeners. Our seed is grown from selected roots saved for seed.

Pkt. 5c., oz. 10c., 2 oz. 20c., 1/4 lb. 30c., lb. 75c.

Mangel Wurzel and Sugar Beet

Sow in drills 2 inches deep, about 2 feet apart; thin out to 10 inches apart. *Six pounds to the acre.*

Mammoth Long Red. This variety produces roots of mammoth size and is enormously productive. Yielding from thirty to forty tons per acre on well prepared land. Oz. 10c., 1/4 lb. 25c., lb. 70c., 5 lbs. \$2.50.

Golden Tankard. Recommended for dairymen on account of its milk-producing properties. The flesh is a rich golden yellow; very productive.

Oz. 10c., 1/4 lb. 25c., lb. 70c., 5 lbs. \$2.50.

Giant Sladstrup. A large yielding variety of high feeding value.

Oz. 10c., 1/4 lb. 25c., 1 lb. 70c., 5 lbs. \$2.50.

Giant Feeding Sugar Beet or Half Sugar Mangel.

A strain of beets very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having a higher nutritive value, being especially rich in sugar. Roots light bronze green above ground, grayish white below with white flesh. On account of growing partly out of the ground and the long ovoid shape, the crop can be harvested and stored easily and at less expense than any other root crop.

Oz. 10c., 1/4 lb. 25c., lb. 75c.



GIANT FEEDING SUGAR BEET, OR HALF SUGAR MANGEL

Swiss Chard or Spinach Beet

The leaves are used as greens and served like spinach. The mid-ribs may be cooked like asparagus. Cuttings may be used all summer, as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

Lucullus. The largest and best.

Pkt. 5c., oz. 10c., 1/4 lb. 35c., lb. \$1.00.



DANVERS HALF LONG CARROT

Brussels Sprouts

Cultivate the same as cabbage. The sprouts resemble miniature cabbage and are very tender.

Improved Dwarf. A standard sort.

Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Improved Long Island. The finest variety, very compact sprouts. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Broccoli

A vegetable much resembling cauliflower.

White Cape. The most desirable variety.

Pkt. 10c., oz. 60c.

Chervil

An aromatic sweet herb used for flavoring and garnishing.

Curled. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.

Chives

Hardy perennial plants grown for their tops, which are used as a salad and for flavoring soups.

Pkt. 10c., oz. 75c.

Cress or Peppergrass

Sow early in the spring on rich soil in drills 10 or 12 inches apart and make frequent sowings every two weeks. Cover seed about $\frac{1}{4}$ inch.

Extra Curled. Fine flavor, may be cut several times.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Water Cress. Sow in the spring near the margin of ponds or running streams.

Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

CARROT

Carrots do best in a good, light and rich soil. Sow in April or May for the early crop, and for the main crop sow in May or June in drills about $\frac{1}{2}$ inch deep, in rows 14 inches apart, and thin plants to 3 or 4 inches in the rows.

One ounce to 100 feet of drill; four pounds to an acre.

Danvers' Half-Long. Special Market Gardeners' Strain. The best sort for the main crop, dark orange color, growing very smooth, yielding large crops, and is a splendid keeper; roots medium length, tapering uniformly to a blunt point. This selected stock we are now offering has been specially grown for market-gardeners and is much superior to the ordinary strain of Danvers' Half-Long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Hutchinson. A carrot of great length and cylindrical shape almost to the point, grows with tops slightly out of ground, a very heavy yielder per acre. Small circle of green on top of root out of ground portion. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Bagley. Popular New England sort, Hutchinson type without green top; a carrot that grows all under ground. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25., lb. \$4.00.

Chantenay. A medium early, half-long variety. The flesh is crisp and tender.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Improved Long Orange. Deep orange color, roots of large size and good keeper.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Guerande or Oxheart. Medium early roots, short and thick. The flesh is bright orange, fine grained and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



HUTCHINSON CARROT

Early Scarlet Horn. A favorite early variety, of fine flavor and excellent for the table. Roots grow about three inches long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Nantes Half-Long Scarlet. A stump-rooted variety.

Flesh fine grained, mild and sweet.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large White Belgian. Very productive and largely used for feeding stock.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

CABBAGE

The cabbage is an important crop and should be planted in fresh, rich soil, well manured and deeply dug or plowed. For early use sow in a hotbed in March, transplant to the open ground when danger from frost is past. Plant the early sorts about 18 inches in the rows and the late sorts about 2 feet in the rows and the rows about 3 feet apart. For the late crops sow in the open ground in June. Our cabbage seed is grown from selected stock and is equal to any offered in the market.

One ounce will produce about 2,000 plants.



COPENHAGEN MARKET CABBAGE

All Seasons. Large heads, round and very solid and sure heading; nearly as early as the Early Summer. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

A. S. & L., CAPE ELIZABETH.

Selected seed grown for us at Cape Elizabeth, Maine—a section noted throughout the country for the excellency of its cabbage.

Heads hard, solid, tender and crisp. It is remarkable for its long-keeping qualities. One of the best shipping varieties.

Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Wisconsin Hollander. A late variety, forming globular heads; very hardy and solid. Keeps well and is a good shipper for early spring sales.

Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

DANISH BALL HEAD.

This variety produces large, round and compact heads. One of the best keepers: plants vigorous and hardy, resisting cold and dry weather.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Danish Ball Head (Tall Stem). This variety is later than the short stem variety. It also is harder and will keep longer; one of the longest keeping White Cabbage varieties.

Pkt. 10c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Improved American Savoy. Large, solid round heads, of superior quality, tender and good flavor, the best variety for family use.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Pe-Tsai, or Chinese Cabbage. A quick growing plant resembling Cos Lettuce.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

COPENHAGEN MARKET.

An extra early variety; heads ball-shaped, large and solid, averaging in weight about 10 pounds. It will give perfect satisfaction both as to quality and yield, having few outside leaves. The plants can be set closer than most varieties. The most evenly-maturing and large-heading early cabbage in cultivation.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Early Jersey Wakefield. A standard early market variety, conical in shape and good quality; heads uniform and solid.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

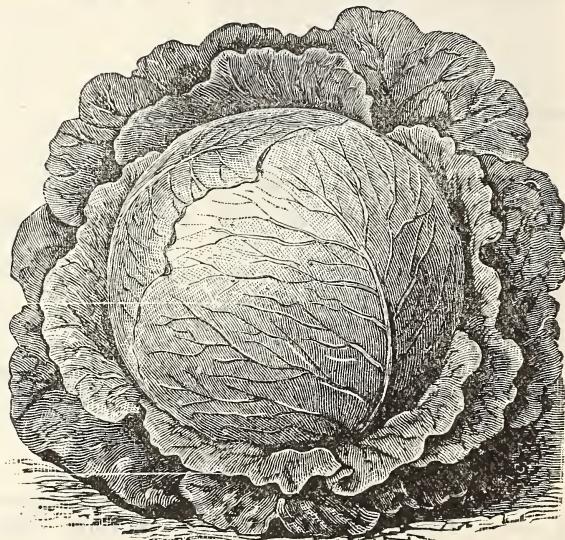
Glory of Enkhuizen. An early, white, solid, variety, medium sized heads. Pkt. 10c., $\frac{1}{2}$ oz. sized heads.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Golden Acre. A First-Early variety of the round-headed type, on the order of the "Copenhagen Market." A remarkably quick maturing Cabbage.

It is ready to cut from 8 to 10 days sooner than the Copenhagen Market. The head is a little smaller than that of the Copenhagen Market, and the leaves also are a little smaller. It is wonderfully true to type.

Pkt. 15c., oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.



DANISH BALL HEAD CABBAGE

Red Danish Stone Head.

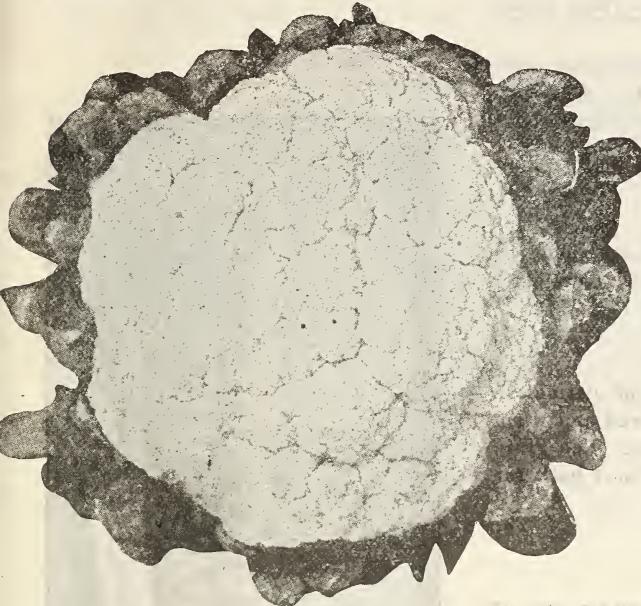
One of the largest and most solid and compact of the red varieties, sure heading and tender.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

CAULIFLOWER

The soil that will grow cabbage will grow cauliflower. It should be made richer and thoroughly worked before planting. For early crop, sow seed in hotbed or in boxes about 6 weeks before time to plant out. Transplant early in spring in rows 3 feet apart and 18 inches in the row. Plants should be cultivated often to be kept growing continuously. For the late cauliflower, plant in the open ground in June and transplant in July.

One ounce will produce 2,000 plants.



Earliest Dwarf Snowball. The earliest cauliflower in cultivation, absolutely sure to head when conditions are ordinarily favorable. Plants are very dwarf and of compact growth, with large firm, snow-white heads. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.50.

Thorburn's Gilt Edge. Produces large solid, white heads of finest quality. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.75.

Danish Giant or Dry Weather. This variety is about two weeks later than the snowball. It is of dwarf growth, producing large hard and snow-white heads, fully protected by its foliage. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.75.

Veitch's Autumn Giant. A large, late sort. Pkt. 10c., $\frac{1}{4}$ oz. 30c., oz. \$1.00.

CELERY

For early celery sow the seed of the self-blanching sorts in a hotbed early in the spring. As soon as the plants are 3 inches high, transplant into frames in well-enriched soil 4 inches apart. Cut them once or twice before setting them out in May or June to make them stocky. When about six inches high transplant into trenches wide enough to hold two rows. The rows should be about 1 foot apart and the plants set about 8 inches apart. For winter celery start the seeds in flats as for early, only a little later. As plants grow they should be earthed up to blanch, taking care not to cover the center of the plant.

One ounce of seed will produce about 4,000 plants

Wonderful—This new variety of Celery, rightly named Wonderful, is of the Paris Golden family, but twice to three times its size, very fine quality, and very free from the stringy habit of the Old Golden. Pkt. 15c., oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

Easy-Blanching

A first early variety, the stalks are very tender and brittle, and have a rich nutty flavor. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 85c., $\frac{1}{4}$ lb. \$3.00.

Paris Golden Self-Blanching. (French grown, special gardeners' strain). The finest early celery grown, easily blanched and of excellent flavor, solid and crisp. Pkt. 10c., $\frac{1}{2}$ oz. 50c., 1 oz. 85c., $\frac{1}{4}$ lb. \$3.00.

White Plume. A desirable early variety requiring very little labor in blanching. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Boston Market. White, solid, crisp and tender, the best late variety. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c., $\frac{1}{4}$ lb. \$2.00.

Giant Pascal. A tall-growing sort, blanches early and keeps well. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Celeriac or Turnip-Rooted Celery. It is mostly grown for the edible root and not for greens. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row.

Large Smooth Prague. An improved form of turnip-rooted celery, producing large, smooth roots, which are almost round and of fine flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Soup Celery. For flavoring. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



PARIS GOLDEN
SELF-BLANCHING
CELERY

SWEET CORN

Plant in hills 3 to 4 feet apart each way, dropping 6 seeds in each hill, or in drills 3 to 4 feet apart. The seeds should be covered about 2 inches. In this climate Sweet Corn should not be planted before the middle of May.

One pound will plant 100 hills.

If wanted by Parcel Post, add postage—See table front cover.

Early Falmouth (New). An extra early variety with good sized ears.

The stalks are short with little foliage, 4 to 5 feet high; the sweetest and most tender of the early varieties. Gardeners trying for the earliest market should include it in their order.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 10 lbs. \$2.50.

Burpee's Golden Bantam. Early, hardy and of the most delicious flavor; being of a dwarf growth, the stalks can be grown closely together in the row. Pkt. 15c., 1 lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.

Charlevoix. An intermediate, yellow grained sweet corn of distinctive merit. Ears about seven inches long, usually twelve rowed and when in condition for use are light creamy yellow in color. The grain is rather short, very sweet and tender. An excellent sort both for the home and the market garden.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.25.

DeLue's Golden Giant. Nearly as early as Golden Bantam and of fine quality. Much larger ears, being from 12 to 16 rows of golden yellow. Pkt. 15c., 1 lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.

Bantam Evergreen. A cross between Stowell's Evergreen and Golden Bantam. Kernels are plump and full. The quality is very fine, being exceedingly sweet and tender. Ears 5 to 7 inches long.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Early Crosby (Selected). An early and productive variety; growing very dwarf with ears set low, averaging from 16 to 20 rows; very sweet and tender. Desirable for both the market and private garden. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Country Gentlemen. A large, late variety of excellent quality.

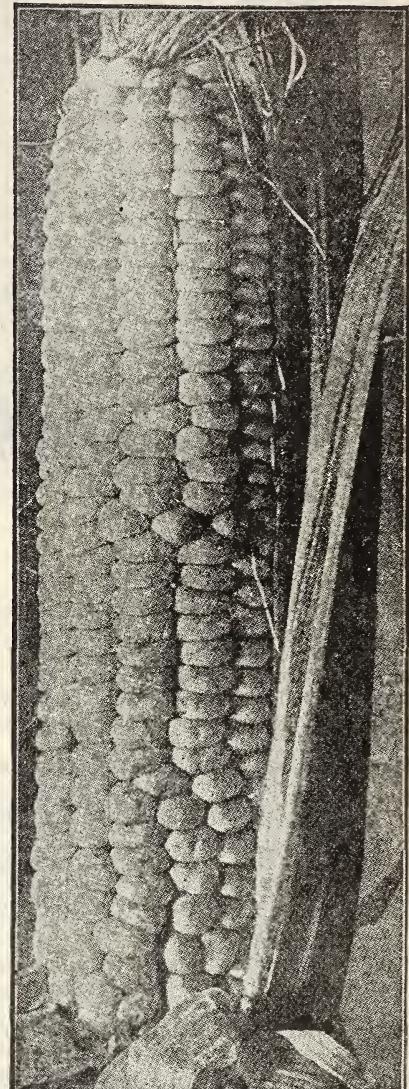
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Stowell's Evergreen. A late standard sort of excellent quality.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Black Mexican. Very sweet and tender, medium early.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.



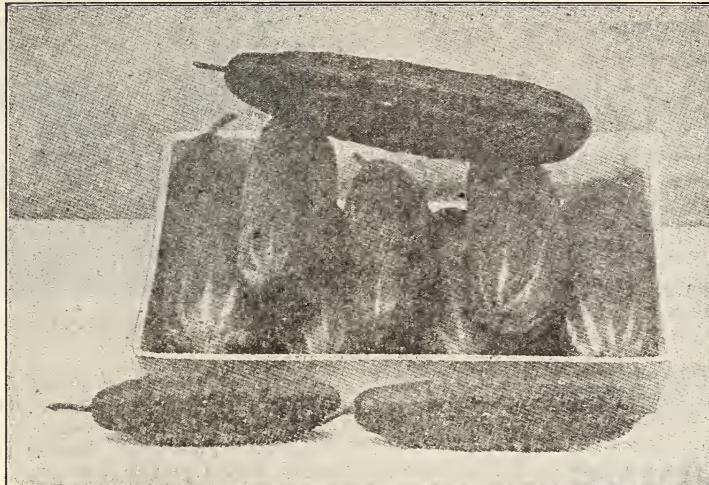
BURPEE'S GOLDEN BANTAM CORN

NOTE—We deliver postpaid to any post office within the United States Vegetable seeds in packets, ounces and pounds, except Beans, Corn, and Peas. If these are wanted by Parcel Post, add postage. See table, front cover.

CUCUMBER

For general crop plant when the ground has become warm, in hills 4 feet apart each way. Thin out to 4 plants to each hill after all danger of insects is over. For very early cucumbers sow about April 1st, in a hotbed on a piece of sod, grass side down so that they can be easily transplanted to the open ground when danger of frost is over.

One ounce will plant fifty hills; two pounds will plant an acre.



WOODS HYBRID CUCUMBER

WOODS HYBRID. The best type of slicing cucumber. The color, a rich dark green, is retained a long time after it is picked. The flesh is white, crisp and tender. It is early and prolific, and for home or market, it is far superior to other sorts. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Boston Pickling. This variety is largely planted for pickles. Fruit medium size, smooth, light green and very productive.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Cumberland. Fine variety for pickling or slicing. Vines are of strong growth and prolific and continue in bearing a long time.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Davis Perfect. For forcing or outdoors. The fruit is of fine form, of a rich dark green color, very few seeds, tender, brittle and of fine flavor.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Cluster. An early sort growing in clusters. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Frame or Short Green. A well-known variety used for slicing and pickling.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Improved White Spine. One of the most popular varieties in cultivation. The fruit is light green with white spines, uniform in size and very productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Russian. One of the earliest varieties, grows from 3 to 4 inches long.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Japanese Climbing. A quick-growing sort, throwing out tendrils which enable them to climb poles or trellises. Fruit from 12 to 16 inches long.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Klondike. A medium early cucumber of very dark green color and an excellent quality for slicing; vine very hardy and productive. The fruits, when mature, are about 8 inches long. Its uniform size and shape and splendid color make this variety very popular as a shipping sort.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Long Green. An old standard variety. Fruit from 10 to 12 inches long, dark green and crisp.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

West India Gherkin. A small prickly variety grown only for pickles. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

A CUSTOMER WRITES!

Allen, Sterling & Lothrop
Portland, Maine.

Dear Sirs:—

Please ship order as soon as convenient to Richmond, Maine. I think your seeds are the best obtainable in this part of the country. I recommend you to all my neighbors as the best seed house to do business with.

Richmond, Maine, April 12, 1924.

Yours truly,
(Signed) Horace D. Manwaring
Richmond, Maine.

DANDELION

One of the earliest and most popular of spring greens. Sow in May in drills 12 inches apart; cover the seed $\frac{1}{4}$ of an inch deep. The following spring the plants will be ready for cutting.

One ounce for 200 feet of drill.

Improved Thick-Leaved. A carefully selected strain; popular with market gardeners.
Pkt. 10c., oz. 90c., $\frac{1}{4}$ lb. \$3.00.

EGG PLANT

Sow the seeds in hotbeds very early in the spring and transplant when about three inches high into small pots or another hotbed. Do not plant out in the open ground until the weather has become warm and settled.

One ounce will produce about 1,000 plants.

New York Improved Purple. This variety produces fruit of large size, nearly round, dark purple and excellent quality. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Black Beauty. A valuable early sort, about ten days earlier than the New York Improved; color a rich purplish black. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

ENDIVE

For early use sow as early in the spring as the ground can be worked in drills 15 inches apart. Transplant to 1 foot each way. When full grown tie the outer leaves at the top to blanch them.

One ounce will produce 2,000 plants.

Green Curled. A standard sort for fall and winter.
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

White Curled. A fine, white, curled variety, self-blanching. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Broad-Leaved Batavian. A variety growing very compact, very tender and of fine flavor.
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

French Endive (Witloof Chicory). Plant the seed in drills 10 inches apart, in deep, rich soil. Thin to six inches apart. One of the finest winter salads grown. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

KALE

Sow from May to June, broadcast or in drills, cover $\frac{1}{2}$ inch, cultivate the same as cabbage.

One ounce to 150 feet of drill.

Dwarf Green Curled Scotch. A fine, low-growing variety, the leaves densely crimped and curled; very hardy and productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

KOHL RABI

Seed should be sown in drills as early in the spring as possible. When well established thin to 6 inches apart. The bulb grows entirely out of the ground.

Early White Vienna. A very early sort, excellent quality flesh white and tender.
Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Early Purple Vienna. Similar to the above except in color. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

MUSK MELON



A. S. & L. MUSK MELONS GROWING IN MAINE

Melons succeed best in light, sandy rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

One ounce to 60 hills; two to three pounds to an acre.

“A. S. & L.” A very large variety, thickly netted, deeply ribbed, flesh salmon-yellow, thick and sweet. A great yielder. It ripens from 70 to 80 days from time of planting. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Emerald Gem. Fruit of medium size, very early and of fine flavor; flesh deep orange.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Long Yellow. Very large, slightly ribbed and thickly netted; flesh salmon-yellow and sweet.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Rocky Ford. A popular market variety. The fruit is oval, medium size, finely netted; flesh light green and very sweet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Honey Dew. A medium sized melon 5 to 6 pounds in weight, about 6 inches diameter and slightly oblong. Thick flesh, light emerald green in color.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

WATER MELON

Plant in hills about 8 feet apart and cultivate the same as for Musk Melon.

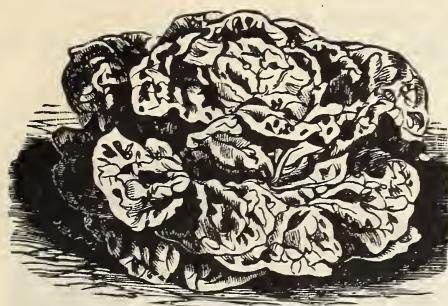
One ounce for 30 hills; four pounds for one acre.

Cole's Early. One of the best early varieties, medium size, nearly round, flesh dark red and excellent quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Phinney's Early. Early and productive, flesh red.
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Citron. Used for preserves; white flesh, hardy and productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c.

LETTUCE



TENNIS BALL LETTUCE

For summer use the seed can be sown in hotbeds in March. Transplant when the weather will permit in rows 12 inches apart and 8 inches apart in the rows. For a succession sow in the open ground every two weeks until fall. Lettuce requires a rich and a rather moist soil. The more rapid the growth, the better the quality.

One ounce of seed will produce about 3,000 plants.

Big Boston. Fine for forcing or open-ground planting; large, solid heads. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Boston Curled. Leaves beautifully curled, very attractive on table. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Crisp as Ice. Large, solid heads, yellow heart, outside dark green and bronze.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Grand Rapids. A very popular variety, leaves crimped, very attractive, matures quickly; the heads are dark green, very crisp and tender.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Hanson. A large, solid variety. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Iceberg. A very superior solid heading variety for outdoor growing. Makes large, solid heads.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Market Gardener's Private Stock. A strain of Black-Seeded Tennis Ball, very desirable for hotbed culture in winter and for withstanding heat in summer. A light green cabbage sort, forming hard heads.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

May King. Large, round, solid heads, one of the best varieties for planting in open ground.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

New York or Wonderful. The largest head lettuce crisp and tender. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Salamander. Medium size, light green, and forms a hard buttery head of fine quality.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Tennis Ball, Black Seeded. A favorite variety for outdoor crop; forms close, hard heads that are crisp and tender. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Romaine or Cos Varieties

Paris White Cos. An early sort with long, narrow leaves. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Trianon, Self-Folding Cos. Requires no tying to blanch very crisp and tender. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

LEEK

Plant in the spring in a light, well-enriched soil in drills 1 foot apart. Cover the seed about 1 inch and thin to 9 inches apart in the drills. Draw earth up to them as they grow.

One ounce of seed to 150 feet of drill.

American Broad Flag. A strong-growing sort with broad leaves. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

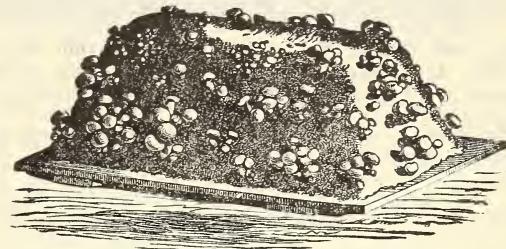
MARTYNIA

The seed pods which are produced in great abundance are gathered when young and tender for pickling. Sow in the open ground in May, 3 feet apart each way.

Proboscidea. The most productive variety.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

MUSHROOM SPAWN



Mushrooms can be grown in cellars, in sheds, or in hotbeds where a temperature of 50 to 70 degrees is easily maintained.

English Spawn. In bricks 25c. per lb., 6 lbs. for \$1.25. If wanted by mail, add 10 cents per lb.

MUSTARD

Sow thickly in early spring in shallow drills or in boxes during the winter. Successive sowing may be made every ten days.

One ounce will sow about 75 feet of drill.

Chinese. Leaves twice the size of the ordinary White Mustard, which are curled and eaten boiled like spinach. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White London. The best for salads and flavoring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

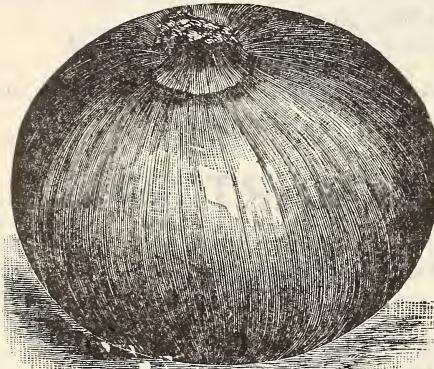
ONION

Sow the seeds as early in the spring as the ground can be worked in drills about 1 foot apart and cover about $\frac{1}{2}$ inch. Thin plants to stand from 2 to 3 inches apart in the drills. The soil should be made very rich and kept free from weeds.

One ounce to 100 feet of drill; five pounds to the acre.

Danvers Yellow Globe. The most profitable variety to grow, producing bulbs of globular form which ripen early and uniformly, producing large crops. The seed we offer was grown in New England from selected bulbs by a reliable grower of long experience. We cannot recommend this strain of seed too highly, not only on account of its great yield but also of its superior keeping qualities.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



DANVERS YELLOW GLOBE ONION

Extra Early Red Flat. About ten days earlier than the Red Wethersfield, medium size and a good keeper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Large Red Wethersfield. The standard red, flat variety, large size, skin deep purplish red, a good keeper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

White Queen. A pure white variety of rapid growth; fine for pickling. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Prizetaker. The largest yellow onion, flesh white and of mild flavor. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

White Portugal. One of the best white sorts; bulbs mature early, very mild flavor, the best to grow for sets. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

ONION SETS

(Recleaned). Onion Sets should be planted as early in the spring as the ground is dry enough to work, in rows 12 inches apart and 2 to 4 inches apart in the rows.

If sent by mail add postage. See table, front cover.

White Onion Sets. Qt. (1 lb.) 35c., pk. (8 lbs) \$2.00.

Japanese Onion Sets. This onion will actually double the yield of any other onion set on the market. If the sets are planted early in the spring the onions will be ripe in July and can be used all through the fall and winter. It throws few seed stalks, is an excellent keeper and the flavor is mild and sweet. Qt. (1 lb.) 35c., pk. (8 lbs.) \$2.00.

PUMPKIN

Same cultivation as for squash.

One ounce will plant 20 hills; one pound will plant 250 hills.



SUGAR PUMPKIN

Connecticut Field. Very productive, usually grown in fields with corn for feeding stock.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

King of the Mammoths. The best mammoth pumpkin, flesh is a golden-yellow, a splendid keeper and valuable for stock feeding.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Mammoth Tours. Very large size, oblong in shape, largely used for feeding stock.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Small Sugar. Very sweet and fine grained, a good keeper, best sort for family use.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

PEPPER

Sow the seed in hotbeds early in April. Transplant when 2 or 3 inches high to 3 inches apart. Transplant to the open ground about the first of June, in rows 2 feet apart and 18 inches apart in the rows. The soil should be rich and mellow.

One ounce will produce about 2,000 plants.

Large Bell or Bull Nose. Large and of mild flavor, largely used for pickling.

Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c.

Long Red Cayenne. Bright red, long, slender pods, very pungent. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Pimento. A very thick fleshed sweet variety, uniform in shape and size. Color dark green changing to a brilliant red. Very desirable for salads on account of its fine flavor and superior quality.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., $\frac{1}{4}$ lb. \$1.25.

Red Cherry Cayenne. Small round variety, bright scarlet fruit. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Red Chili. Used for seasoning and for making pepper sauce. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Squash or Tomato-Shaped. Fruit medium size, early and productive. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Sweet Mountain. The fruit is very large and smooth, flesh very tender and mild flavored.

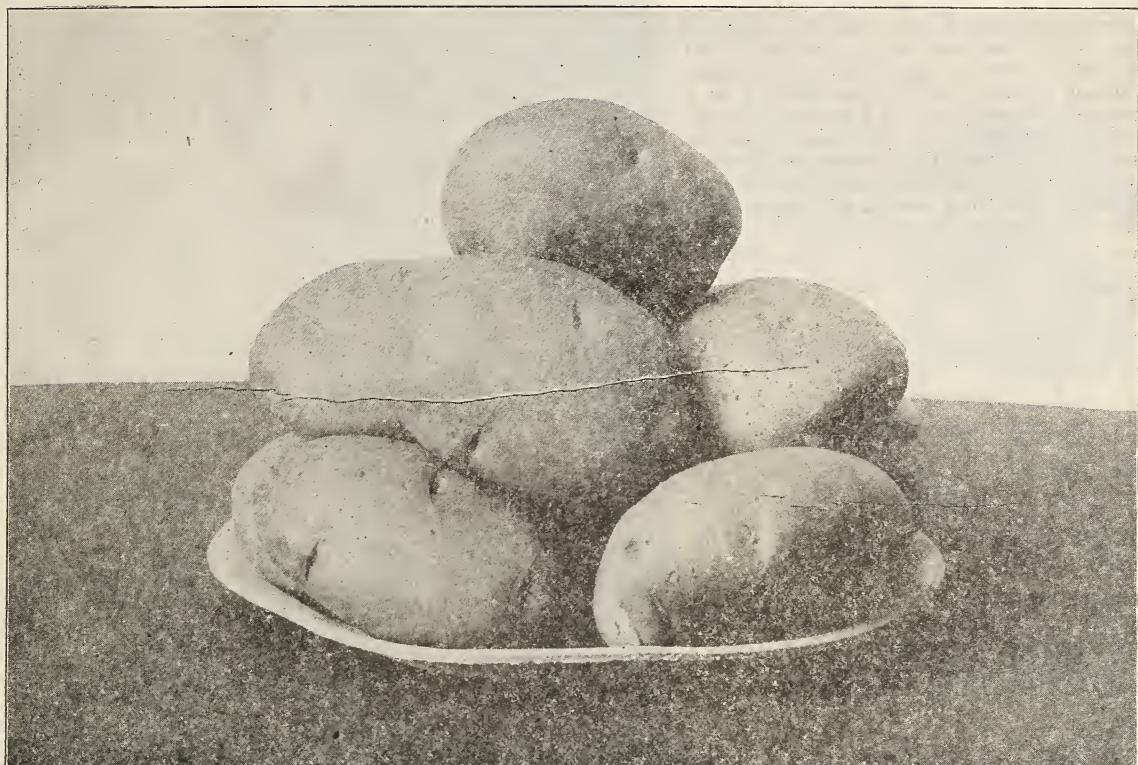
Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Sweet Italian. A superb variety of exceedingly mild flavor. Grows 6 to 7 inches in length and 2 to three inches thick at the base. Very attractive in appearance. The fruit is light green, turning bright scarlet. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

SEED POTATOES

Eight to ten bushels will plant one acre. One peck will plant 75 hills.

Potatoes are sent by express or freight, purchaser paying charges.



We offer a particularly fine strain of *Certified Green Mountain* stock. This stock is grown in Somerset County, Maine, and has been giving our customers wonderful results for the last three years.

1 Peck 65c., 1 Bu. \$2.50, 5 Bu. or more \$1.90 per Bu.

Also write for prices for Early Rose, Irish Cobbler and Gold Coin Varieties

PARSLEY

Soak the seeds a few hours in lukewarm water and sow early in the spring in rich soil in drills one foot apart, thin out the plants to 4 inches apart in the rows.

One ounce to 150 feet of drill.

Double Curled or Covent Garden. One of the best sorts, handsome bright green color; leaves finely crimped and curly. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c.

Fern Leaved. A fine strain, very dark green. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c.

Hamburg or Turnip-Rooted. The roots resemble a small parsnip; used for flavoring soups, etc. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c.

PARSNIP

Sow as early in the spring as the weather will permit in deep, rich soil in drills 18 inches apart, covering the seed slightly; thin to 5 or 6 inches apart in the rows.

One ounce to 100 feet of drill; five pounds to the acre.

Abbott's Improved Hollow Crown. The roots are smooth, large, tender and sugary; a heavy cropper. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Arlington Long Smooth. Roots long and smooth; a good market sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

PEAS

Sow the early, smooth, round sorts as early in the spring as the ground can be worked, in light, dry rich, loamy soil. The wrinkled varieties are more tender and the seed is more liable to rot and should not be planted when the ground is cold and wet. The late varieties do not require as rich soil as the early and dwarf sizes. Sow in rows 3 to 4 feet apart and about 1 inch apart in the rows, 3 to 4 inches deep. Peas grown as a market crop are never staked, but when the taller sorts are grown for private use they are generally sown in double rows, 6 to 8 inches apart, and staked with brush. For best results all garden peas require good, strong, fertile soil.

One pound will plant about 50 feet of drill.

Those marked with a (*) are wrinkled varieties.

If wanted by Parcel Post, add postage—see table, front cover.

Extra Early Varieties

Alaska. One of the earliest blue peas, pods dark green, of medium size and uniform in growth; height 2½ feet.

Pkt. 15c., 1 lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50, 14 lbs. \$2.75.

***Gradus or Prosperity.** The earliest and most popular of the large-podded, wrinkled peas; vines vigorous, bearing large pods from 4 to 4½ inches in length, filled with large peas of the finest quality and delicious flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lb. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Laxtonian.** One of the most remarkable varieties yet introduced; very dwarf, growing only 12 to 15 inches high, producing pods in great abundance; nearly as large as the Telephone. The peas are large with a flavor the very sweetest and best.

Pkt. 20c., 1 lb. 35c., 2 lb. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Early Morn.** Of Gradus type, the pods are large and well filled with peas of excellent flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Little Marvel.** A dwarf variety of even growth, about 18 inches in height; pods dark green, medium size, often produced in pairs; as early as Nott's Excelsior, equal in flavor and more prolific.

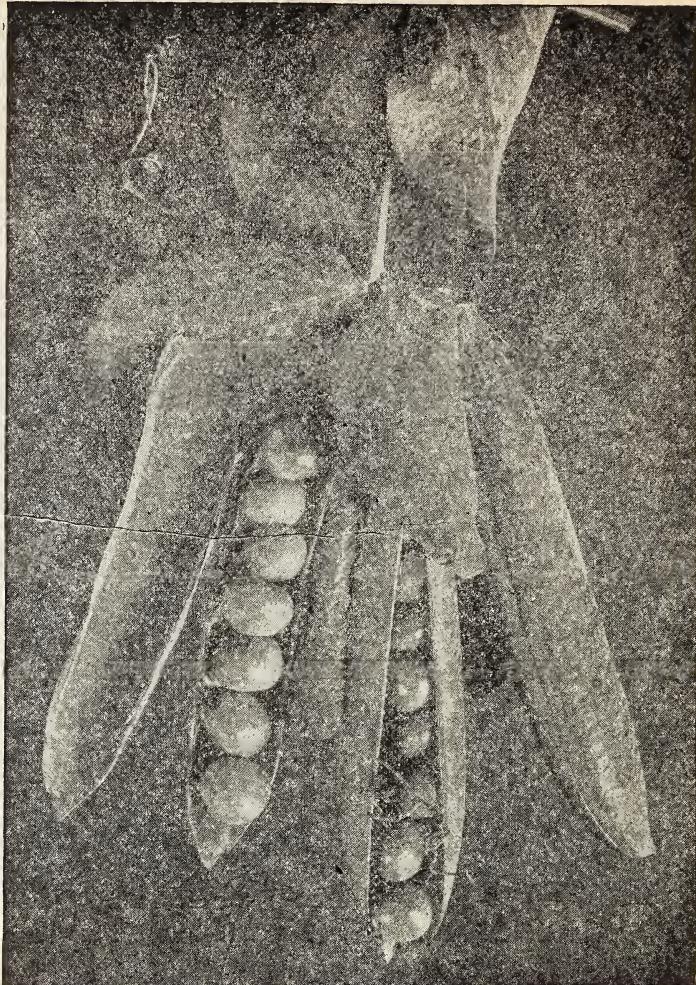
Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Nott's Excelsior.** A splendid early sort; pods are always well filled with large peas of delicious flavor. Height 15 inches.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Sutton's Excelsior.** As early as Nott's Excelsior, with much larger pods, a large cropper and of rich flavor; height 1½ feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.



GRADUS PEAS

INOCULATE THIS
SEED WITH
MULFORD CULTURE

***Sutton's World's Record.** Habit very prolific; pods long, dark green, filled with peas of superb flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Thomas Laxton.** Similar to Gradus. The pods are long, straight, with square ends, and contain 7 or 8 peas of the finest flavor; hardy and productive; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Burpee's "Blue Bantam."** An extra early variety of the finest quality. The vines average fifteen inches in height. The pods average nearly as large as the Gradus.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

NOTE—We deliver postpaid to any post office within the United States Vegetable seeds in packets, ounces and pounds, except Beans, Corn, and Peas. If these are wanted by Parcel Post, add postage. See table, front cover.

PEAS—Continued

Second Early and Medium Varieties

***Dwarf Telephone (Carter's Daisy).** Similar to the Tall Telephone, bearing heavy pods, about 4½ inches long, height 2 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Everbearing.** Very prolific, pods about 3 inches long, peas large and of good quality; height 2½ feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

GENERAL CROP

***Carter's Quite Content.** The largest-podded variety yet introduced, vines and pods deep green, pods 7 to 7½ inches long, hanging mostly in pairs and contain 9 to 11 large peas of excellent flavor; recommended for the market or private garden; a large cropper; height of 3 to 4 feet.

Pkt. 25c., 1 lb. 45c., 2 lbs. 80c., 7 lbs. \$2.60, 14 lbs. \$5.00.

***Admiral Dewey.** One of the finest and most desirable of the large-podded varieties. The vines are of vigorous growth; the pods are always of good size well filled with peas of the highest quality; specially recommended for the home garden and market growing; height 4 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Improved Telephone.** An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large, dark-green pods containing peas of fine flavor; height 4 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Prodigious.** A very superior, wrinkled pea of the style of the Telephone. The pods are dark green, averaging four and one-half to five inches in length; the vines are vigorous and prolific; the peas are of the finest quality; height 5 ft.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Champion of England.** A well-known and popular late variety, of excellent flavor and very productive; height 4 to 5 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

Black-Eyed Marrowfat. Largely grown as a field crop; height 4 feet. At market.

White Marrowfat. Very hardy and prolific; height 4 feet. At market.

White Canada Field. Valuable for sowing with oats for cattle feeding and for green soiling. At market.

Sugar Peas or Edible Pods

Dwarf Gray Sugar. Dwarf in habit, with small-sized pods. Pkt. 20c., 1 lb. 40c., 2 lbs. 75c.

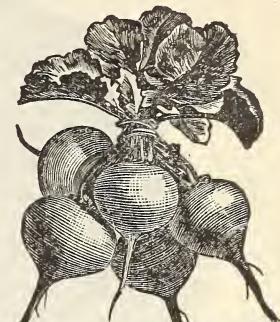
RADISH

The seeds should be sown in light, rich, sandy loam. For an early supply, sow in a hotbed in rows 4 inches apart. Sow in the open ground as soon as the ground can be worked in rows 8 to 12 inches apart ½ inch deep. If the radish makes rapid growth it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.

Crimson Giant. An extra early, turnip-shaped variety, growing very large yet never pithy, always hard and solid; good for forcing and equally as good if grown in the open ground. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

Early Scarlet White-Tipped. Small, round, red, short tops, crisp and tender. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

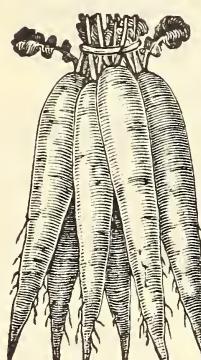


SCARLET GLOBE RADISH

Non Plus Ultra. The earliest forcing variety, round, red maturing in about twenty days. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

Scarlet Globe. One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender.

Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.



WHITE ICICLE RADISH

French Breakfast. Oblong shaped, color scarlet, white-tipped, rapid grower, mild and tender.

Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.25.

Long Scarlet Short Top. Long and crisp, for frames or open ground.

Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

White Icicle. Finest white radish. It is long, slender, pure white, roots of excellent quality. Fine for forcing.

Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

White Stuttgart. A turnip shaped, white radish, growing to large size; fine quality.

Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.50.

Long Black Spanish. A good winter variety.

Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

Salsify or Vegetable Oyster

One of the most delicious and nutritious of vegetables.

Sow early in the spring in drills 14 inches apart and 1 inch deep. Cultivate the same as for carrots and parsnips. They can be left in the ground until spring.

One ounce to 50 feet of drill.

Mammoth Sandwich Island. This variety grows to a large size and is superior in quality to the Long White. Pkt. 10c., oz. 20c., ¼ lb. 70c.

SQUASH

Squashes are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 feet apart and the running varieties about 8 feet.

Bush varieties, one ounce to 40 hills; running varieties, one ounce to 15 hills, three to four pounds per acre.



HUBBARD SQUASH

Early Giant Summer Crookneck. A desirable table sort, of dwarf, bushy habit, and very productive; the flesh is thick, yellow and of fine quality. One of the best market varieties.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mammoth White Bush Scallop. Pure white, producing large, thick fruit of fine flavor, early and productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Delicious. Fine grained, sweet and dry, no other squash can equal it in sweetness and richness of flavor. In shape and color it is similar to the Hubbard. Weighs from five to ten pounds.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Early Prolific Marrow. The earliest of the running varieties, maturing ten days earlier than the Boston Marrow; color a bright orange red; keeps well.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Boston Marrow. A standard fall variety of a bright yellow color, an excellent sort for pies and largely used by canners.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Hubbard (Cape Elizabeth grown). The standard winter squash, more largely grown than any other late variety, dark green skin and rich flesh, an excellent keeper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Golden Hubbard. Same type as the Green Hubbard but of rich orange red color and earlier to mature.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Blue Hubbard. Flesh fine-grained, dry and of excellent flavor, a good keeper.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Bay State. Has a thick, hard shell. Color bluish green. The flesh is golden-yellow, very dry, fine grained, and of excellent quality.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Vegetable Marrow, English. The fruit should be eaten when less than half grown; color creamy white, flesh white. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Vegetable Marrow, Italian. Oblong, skin dark green at first, but changes to a lighter green as it matures. Excellent quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

SPINACH

Sow early in the spring in drills one foot apart, covering the seed one inch deep, thinning out as it grows. For a succession sow every two weeks. For winter and early spring use, sow in August; cover with straw on the approach of severe cold weather.

One ounce to 50 feet of drill; ten to twelve pounds to the acre.

King of Denmark. The leaves are dark green, very thick and crumpled, and of good quality. Remains in good condition two to three weeks longer than any other variety before running to seed.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Round Thick-Leaved. A large, dark-green, thick-leaved variety; stands a long time before running to seed.

Pkt. 5c., oz. 8c., $\frac{1}{4}$ lb. 15c., lb. 45c.

Victoria. A variety of dense foliage, leaves thick and of a dark green color.

Pkt. 5c., oz. 8c., $\frac{1}{4}$ lb. 15c., lb. 45c.



VICTORIA SPINACH

Long Season. A dark-green crumpled variety which withstands the hot weather without shooting to seed for a long time; very desirable for spring planting and of excellent quality.

Pkt. 5c., oz. 8c., $\frac{1}{4}$ lb. 15c., lb. 45c.

Bloomsdale. A very hardy variety; large thick, crumpled leaves, a favorite with Market Gardeners. The best for early spring or fall.

Pkt. 5c., oz. 8c., $\frac{1}{4}$ lb. 15c., lb. 45c.

Prickly or Winter. The hardest variety for fall planting. Pkt. 5c., oz. 8c., $\frac{1}{4}$ lb. 15c., lb. 45c.

New Zealand. A plant of branching habits which stands drought. Soak the seeds in warm water before planting. Plants should not be closer than 2 feet apart each way. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.00.

“Sterling Quality” Seeds are the highest grade obtainable and intended for the particular market gardener, florist and individual.

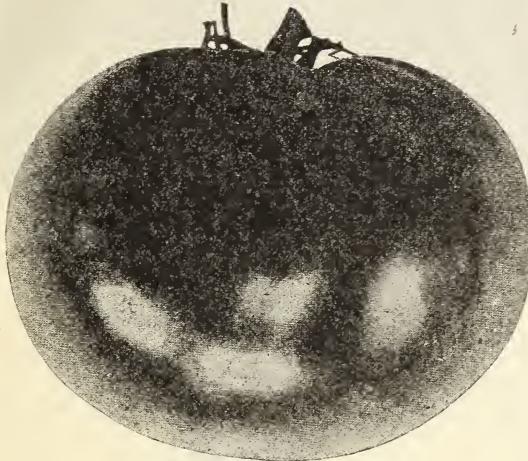
SEND US YOUR MAIL ORDERS

TOMATO

Sow the seeds about the first week in March in a hotbed, greenhouse or in shallow boxes in a window. When the plants are about three inches high transplant to cold frames, setting the plants about 4 inches apart or in pots singly. Transplant to the open ground when all danger of frost is past. Set in rows 4 feet apart each way, using a shovelful of rotten manure in each hill.

One ounce will produce about 1,500 plants.

Our Tomato Seeds are grown from selected Stocks.



"JOHN BAER" TOMATO

"John Baer." An extra early variety of superior merit. It produces perfect, solid high crown, beautiful, brilliant red tomatoes, is almost seedless, and has a mild, deliciously sweet flavor. Uniform in size and ripening. A valuable variety for the market or home garden.

Pkt. 5c., 1/4 oz. 20c., oz. 50c., 1/4 lb. \$1.50.

Abbotts Early Red. A deep blood red variety. Foliage and vine medium. The fruit is smooth, uniform and of excellent flavor and quality.

Pkt. 10c., 1/2 oz. 30c., oz. 50c.

Earliana. The best extra early variety. It is the earliest large tomato; color bright red, growing in clusters of medium size, smooth, solid, and of fine flavor; excellent for the market and home garden.

Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

Bonney Best. Early and prolific; fruit is smooth, round scarlet, of fine flavor.

Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

Early Detroit. Fruit very smooth, uniform in size, nearly globe shaped, firm and of excellent quality; color purplish pink; vine vigorous and productive.

Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

Stone. The most reliable of the main crop, very large, bright scarlet, smooth, solid and very productive; is a good shipper.

Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

Dwarf Stone. Dwarf and compact growing, plant resembling Dwarf Champion but is of a stronger growth, yielding a large crop of very smooth, solid tomatoes of the finest quality, color bright scarlet.

Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

TOMATO—Continued

The Burbank. An extra early variety.
Pkt. 10c., oz. \$1.00.

Ponderosa. One of the largest varieties, flesh solid and of fine quality.
Pkt. 5c., 1/2 oz. 20c., oz. 35c., 1/4 lb. \$1.00.

Red Cherry. Scarlet fruit about the size of a cherry, used for pickling. Pkt. 5c., 1/2 oz. 20c., oz. 35c.

Yellow Cherry. Bright yellow, best for preserving.
Pkt. 5c., 1/2 oz. 20c., oz. 35c.

Strawberry or Husk. The small yellow fruit grows in a husk, used for preserving.
Pkt. 10c., 1/2 oz. 25c., oz. 40c.

TURNIP

Turnips do best in rich, light, sandy soil. For early use, sow in the spring as soon as the ground can be worked in drills 1 foot apart. Cover 1/2 inch deep. Thin plants to 6 inches apart. For a succession, sow every two weeks until August. Rutabagas are usually sown broadcast, but larger crops are obtained if the seed is sown in drills 18 inches apart and thinned out to 8 or 10 inches in the rows. Sow from June to the middle of July.

One ounce will sow 150 feet of drill; one to two pounds to an acre.

Early Purple Top Milan. One of the earliest flat turnips; flesh solid and of good quality. Pkt. 10c., oz. 20c., 1/4 lb. 60c., lb. \$2.00.

Early White Milan. Extra early; roots of medium size, pure white, sweet and tender. It is a rapid grower and desirable for early use.
Pkt. 10c., oz. 20c., 1/4 lb. 60c., lb. \$2.00.

Purple Top Strap Leaf. A well-known and popular variety for the main crop, largely grown for both table and stock. Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.



WHITE MILAN
TURNIP

Purple Top White Globe. An early variety, of superior quality, globe-shaped, white flesh, tender and sweet, one of the best for table use.
Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

White Egg. A pure white, egg-shaped variety of rapid growth; flesh firm, sweet and mild.
Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

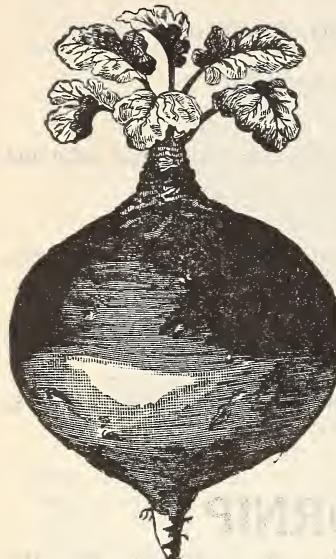
Golden Ball. Very early, fine quality and of excellent flavor. Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

Cow Horn or Long White. A very productive, quick-growing turnip, carrot-like in form, growing nearly half out of the ground.

Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

TURNIP—Continued

Rutabaga or Swede Turnip



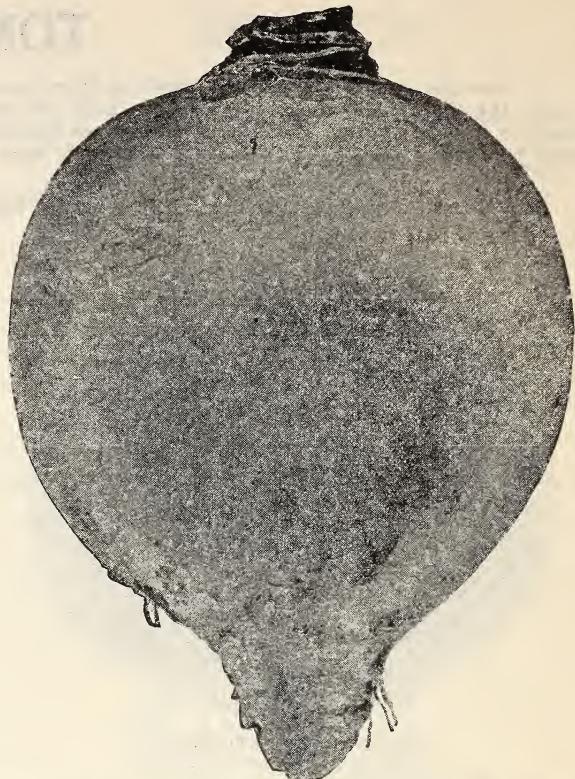
AMERICAN PURPLE TOP RUTABAGA

American Purple Top.
Very hardy, productive, and a good keeper; flesh yellow and solid, a fine variety for table use.
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Carter's Imperial Purple Top. Very large and productive; smooth, round heads, yellow flesh, and of good quality.
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Millpond Purple Top Swede. An imported strain of Purple Top Ruta Baga, very smooth and uniform shape. Excellent keeper. $\frac{1}{4}$ lb. 35c., 1 lb. \$1.00.

Sweet German. Flesh white, hard and sweet, keeps well. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.



PERFECT MODEL RUTABAGA

Perfect Model. An improved strain of the finest yellow-fleshed rutabaga, remarkable for uniform shape and fine quality, very sweet and tender and a good keeper.
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Sweet and Medicinal Herbs

Sow in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant; cut the herbs when in flower, tie them up in small bunches and hang in the shade to dry.

Anise Annual	Per oz. 25c., pkt. 10c.	Lavender Perennial	Per oz. 40c., pkt. 10c.
Balm Perennial	Per oz. 30c., pkt. 10c.	Marjoram, Sweet Annual	Per oz. 30c., pkt. 10c.
Basil, Sweet Annual	Per oz. 25c., pkt. 10c.	Mint Perennial	pkt. 25c.
Caraway Biennial	Per oz. 25c., pkt. 10c.	Sage Annual	Per oz. 50c., pkt. 10c.
Catnip Perennial	Per oz. 60c., pkt. 10c.	Summer Savory Annual	Per oz. 30c., pkt. 10c.
Dill Biennial	Per oz. 20c., pkt. 10c.	Thyme Perennial	Per oz. 50c., pkt. 10c.
Fennel, Sweet Perennial	Per oz. 20c., pkt. 10c.		

We wish we had room to publish all the nice letters we receive.

Hampden Hlds., Maine, Mar. 15, 1924.

Allen, Sterling & Lothrop:

I plant a good many different kinds of seed as I exhibit at the Fairs in the fall. I won two hundred dollars in premiums last year from vegetables grown from your seed. I shall send you an order in a few days and you can send the beet seed with it.

Yours truly,

(Signed) L. A. Leonard,
Hampden Highlands, Maine.

FIELD CORN

Prices Subject to Market Changes

Prices do not include delivery. Add cost of bags when ordering, as follows: $\frac{1}{2}$ bush., 10 cents; 2 bush., 50 cents.

If ordered by mail add postage at parcel post rates.

Corn weight by Parcel Post; Qt. 2 lbs.; 4 Qts. 8 lbs.; Pk. 15 lbs.

Plant eight to ten quarts per acre in hills, one to one and one-half bushels broadcast, one bushel in drills.

Early Wonder Dent. A variety of great value. Heretofore, earliness in seed corn has meant that the growth would be small; and a corn that produced heavily usually could not be depended upon to reach maturity in an ordinary season in this section.

All practical and experienced dairymen agree that ensilage containing the largest amount of grain is by far the most valuable for producing a good quality as well as a large quantity of milk, to say nothing of the much lessened amount of grain necessary in the regular ration.

Price on application.



MORTGAGE LIFTER ENSILAGE CORN

Early Eight-Rowed Yellow Flint. This corn is grown right here in Maine and is the earliest yellow variety we know of. It matures in ninety days and the ears are long with small cob filled to the tip with large broad kernels.

We cannot recommend this corn too highly for either Grain or Ensilage. Price on application.

Excelsior. A yellow Dent corn which has given wonderful results as an ensilage corn in this section of New England.

Excelsior is of rank growth, large ears, large kernels broader and deeper than Leaming. Price on application.

Mortgage Lifter. A heavy yielding, Yellow Dent Corn. Stocks are quite tall and furnish a large amount of fodder which contains a good percentage of grain. The ears are 8 to 10 inches in length, and from 12 to 16 rows. Price on application.

Genuine Eureka Ensilage. The corn that grows more ensilage to the acre than any other variety. It grows very tall, attaining a height of 12 to 15 feet and makes a heavy, thick growth of fodder. Try this variety if you want the maximum tonnage. Price on application.

Improved Leaming. A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep golden kernels. Price on application.

Sweet Fodder Corn. For soiling or ensilage. Some dairymen prefer the sweet fodder corn to the ordinary ensilage varieties, and although it does not make as large a stalk, nor as much foliage, it is highly relished by stock. It does best when sown in drills at the rate of 2 bushels to the acre. Price on application.

GRAINS AND FARM SEEDS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Prices do not include delivery. Add cost of bags when ordering, as follows: $\frac{1}{2}$ bush., 10 cents; 2 bush., 40 cents.

Spring Wheat, Marquis. (Beardless.) An early and productive variety. The kernel is flinty, darker red and more plump than Red Fife and matures a week to ten days earlier; weight 64 to 66 lbs. per measured bushel. Write for price.

Barley, Beardless. Early, hardy and productive. Per bushel. Write for price.

Hungarian. A popular annual used for hay and forage, yielding two to three tons per acre. Sow 1 bushel to the acre. Weight 48 pounds per bushel. Write for price.

Golden Millet. Grown for hay or green fodder. Sow 1 bushel to the acre. Weight 50 pounds per bushel. Write for price.

Japanese or Barnyard Millet. A forage plant of excellent quality, growing 6 to 8 feet in height, and yielding 10 to 15 tons per acre. Sow 20 lbs. per acre broadcast, 15 lbs. in drills 18 inches apart. Write for price.

Soja Beans. Valuable as a forage crop or green manure; also as a green fodder and silo plant.

Early Dwarf Green. An early maturing variety. Write for price.

Early Hollybrook. Makes a large growth of forage. Write for price.

Inoculate this seed with Mulford Culture.

Southern Cow Peas. One of the largest yielding forage crops grown.

Whippoorwill. An early, upright-growing variety; makes a good growth of vine, which can be easily cut and cured as dry forage. Write for price.

Winter Vetches. Very hardy, recommended for fall sowing with rye. Write for price.

Dwarf Essex Rape. A forage plant of great value, furnishing rich pasturage for sheep, hogs or cattle within six weeks from the time of sowing. It also makes splendid green feed for poultry. Sow 8 lbs. per acre broadcast, 4 lbs. per acre in drills. Write for price.



A FIELD OF WHITE TARTAR OATS

White Tartar Oats. The earliest, heaviest and most prolific domestic-grown side oat in cultivation. It makes a good growth, with stiff straw about 3 feet in height. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump and heavy. Write for price.

Maine 340 Oats. This variety makes a strong growth of straw. The heads are large and bushy, yielding large crops of oats of fine quality. Write for Price.

Spring Rye. An excellent crop for fodder or grain. Write for price.

Winter Rye (Rosen.) Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and beautiful color. Owing to its vigorous stooling property, less seed is required per acre. Write for price.

Buckwheat (Japanese.) The best and most profitable variety. It is earlier and more productive than the Silver Hull. Write for price.

Canada Field Peas. A valuable crop for soiling and for cattle feed. Sow $2\frac{1}{2}$ bushels per acre—if sown with oats, use one and one-half bushels each of the oats and peas. Write for price.

Sunflower, Mammoth Russian. This is the best variety to grow. The seed is largely used for feeding poultry, the whole plant makes fine ensilage. Plant and cultivate like corn. Sow 6 lbs. per acre. By mail postpaid, oz. 10c., lb. 25c., 10 lbs. \$2.00.



Harvest Time at State School for Boys, So. Portland, Maine

“Sterling Quality”

GRASS AND CLOVER SEEDS

NOTE—“Sterling Quality” Timothy and Clovers are Northern grown, domestic seed, especially adapted to the climate of New England.

You will find our “Sterling Quality” brand farm seeds the very highest in tests as to purity and germination. We do not carry the so called “medium grades” which might be purchased at a slightly cheaper price. The best, or “Sterling Quality” gives the greatest satisfaction to you and to us.

Prices Subject to Market Changes

SPECIAL QUOTATIONS WITH SAMPLES ON APPLICATION

Timothy, or Herd’s Grass (“Sterling Quality”). Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd’s Grass. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity.

Red Top, Fancy Recleaned. (“Sterling Quality”). Root-creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay.

Kentucky Blue Grass. Root-creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is excellent for pastures. It is a very valuable species in lawn mixtures.

Orchard Grass. Root fibrous, perennial, flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses.

CLOVERS

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Red Clover. (“Sterling Quality.”) This is the common Red Clover and by far the most important variety for the practical purposes of agriculture.

Alsiike, or Swedish. (“Sterling Quality.”) The hardest of all clovers; it resists cold and extreme drought, and for low, wet land is most valuable; excellent for bees.

Alfalfa or Lucerne Clover. Valuable as hay and forage crop.

Sweet Clover, Bokhara. Used as a soil-improving crop.

White Clover. Largely used in lawn and pasture mixtures.



Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and
Other Legume Crops
WITH
Mulford Cultures
FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Mulford Cultures are prepared for:

ALFALFA

RED CLOVER

SOY BEANS

GARDEN PEAS

CRIMSON CLOVER

ALSIKE CLOVER

VETCH

GARDEN BEANS

SWEET CLOVER

COW PEAS

SWEET PEAS

LIMA BEANS

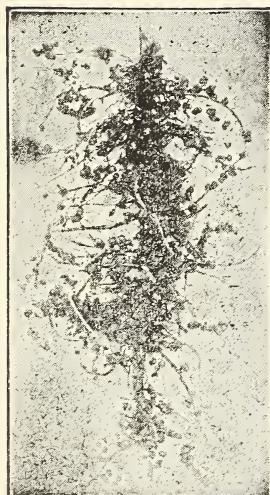
Always specify what crop you wish to inoculate, as there is a different strain of bacteria for each legume.
Prices: 5-acre size \$5.00, 1-acre size \$1.50, $\frac{1}{4}$ acre size 75c., small size 35c. Prices include postage.

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST



A SEED INOCULANT

That Increases Crop Production



Roots like this mean
bigger yields—better
soil.

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soy beans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future crops. The one-acre size bottle is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

A special composite culture is prepared for peas, beans, and sweet peas, $\frac{1}{4}$ acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5, price 50c.

Farmogerm prices are: 1-acre size, \$1.00; 3-acre size, \$2.50;
12-acre size, \$9.00. Full directions accompany each bottle.

STANLEY'S CROW REPELLENT.

Saves replanting, prevents crows, other birds and animal pests from pulling corn. Protects corn from rot caused by moisture. Makes seed germinate faster. Does not clog planter. Large can, enough for two bushels of seed corn, \$1.50. Small can, enough for one bushel, \$1.00.



PLANTING TABLE

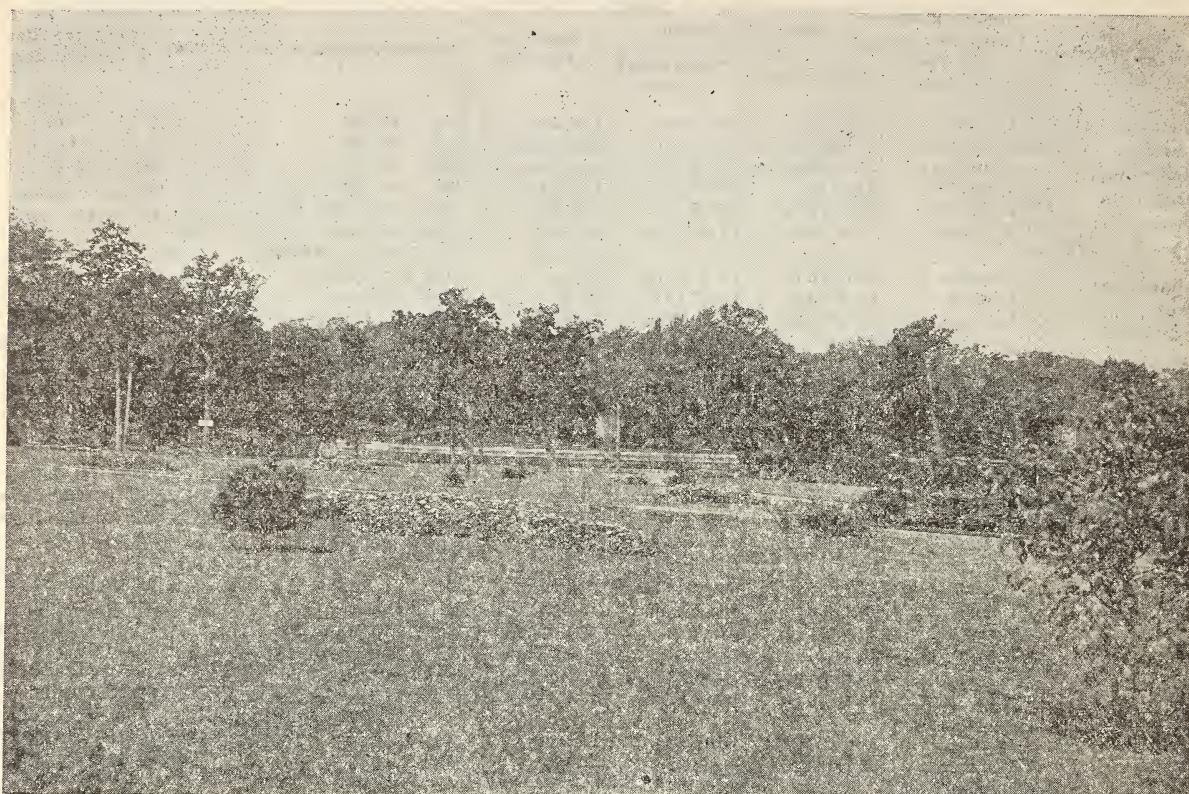
Quantity of Seeds or Number of Plants Required for a Row 100 Feet in Length, with Distance to Plant and Time for Planting

Kind of Vegetable	Seeds or Plants Required for 100 Feet of Row	Distance for Plants to Stand Hand Cultivation		Depth of Planting	Time of Planting in Open Ground	Ready for Use After Planting
		Rows Apart	Plants Apart in Rows			
Asparagus, seed..	1 ounce	1 to 2 ft.	8 to 5 in.	1 to 2 in.	Early spring	3 to 4 years
Asparagus, plants	60-80 plants	12 to 24 in.	15 to 20 in.	3 to 5 in.	Early spring	2 to 3 years
Beans, bush.....	2 pounds	18 to 24 in.	3 to 4 in.	1 to 2 in.	April to July	40 to 65 days
Beans, pole.....	1 pound	3 to 4 ft.	8 to 4 ft.	1 to 2 in.	May and June	50 to 80 days
Beets	2 ounces	12 to 18 in.	5 or 6 to ft.	1 to 2 in.	April, May and June	90 to 120 days
Cabbage, early....	½ ounce	24 to 30 in.	12 to 18 in.	½ in.	April and May. (Start in hot-bed during March).....	90 to 130 days
Cabbage, late....	½ ounce	24 to 36 in.	16 to 24 in.	½ in.	May and June	90 to 130 days
Carrot	1 ounce	18 to 24 in.	6 or 7 to ft.	½ in.	April to June	75 to 110 days
Cauliflower	½ ounce	24 to 30 in.	14 to 18 in.	½ in.	April to June. (Start in hot-bed during March).....	100 to 130 days
Corn, sweet	1 pound	30 to 36 in.	30 to 36 in.	1 to 2 in.	May and June	90 to 120 days
Cress	½ ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	March to May. April to June	30 to 40 days
Cucumber	½ ounce	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	May to July	80 to 100 days
Endive	1 ounce	18 in.	8 to 12 in.	½ in.	May	90 to 110 days
Kohl-rabi	½ ounce	18 to 24 in.	4 to 8 in.	½ in.	April to June	60 to 90 days
Lettuce	½ ounce	12 to 18 in.	4 to 6 in.	½ in.	April to August	60 to 90 days
Melon, muskmelon	1 ounce	6 to 8 ft.	Hills 6 ft.	1 to 2 in.	May and June	120 to 150 days
Melon, watermelon	1 ounce	8 to 12 ft.	Hills 10 ft.	1 to 2 in.	May and June	100 to 120 days
Mustard	½ ounce	12 to 18 in.	4 or 5 to ft.	½ in.	April and May	60 to 90 days
Onion, seed.....	1 ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	April and May	130 to 150 days
Onion, sets.....	1 quart of sets	12 to 18 in.	4 or 5 to ft.	1 to 2 in.	March to May	90 to 120 days
Parsley	1 ounce	12 to 18 in.	8 to 6 to in.	½ in.	Early spring	90 to 120 days
Parsnip	1 ounce	18 to 24 in.	5 or 6 to ft.	½ to 1 in.	April and May	125 to 160 days
Peas	2 pounds	30 to 36 in.	15 to ft.	2 to 3 in.	March to July	60 to 90 days
Pepper	½ ounce	18 to 24 in.	15 to 18 in.	½ in.	May and June	100 to 120 days
Potato, Irish	5 lbs. (or 9 bu. per acre)	24 to 36 in.	14 to 18 in.	4 in.	April to June	80 to 140 days
Pumpkin	1 ounce	8 to 12 ft.	Hills 8 to 12 ft	1 to 2 in.	May to July	100 to 140 days
Radish	1 ounce	12 to 18 in.	8 or 12 to ft.	½ to 1 in.	March to September	20 to 40 days
Rhubarb, plants	33 plants	3 to 5 ft.	3 ft.	2 to 3 in.	Early spring	1 to 3 years
Rutabaga	1 ounce	18 to 24 in.	6 to 8 in.	½ in.	May and June	60 to 80 days
Spinach	2 ounces	12 to 18 in.	7 or 8 to ft.	1 to 2 in.	September or early spring	40 to 60 days
Squash, bush	1 ounce	3 to 4 ft.	Hills 3 to 4 ft.	1 to 2 in.	May and June	70 to 90 days
Squash, late.....	1 ounce	7 to 10 ft.	Hills 7 to 9 ft.	1 to 2 in.	May and June	120 to 160 days
Turnip	1 ounce	18 to 24 in.	6 or 7 to ft.	½ to ⅓ in.	May to July	60 to 80 days

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Barley, broadcast	2 to 3 bush.	Onion Sets, in drills	8 bush.
Beans, Dwarf, in drills	1 ¼ bush.	Parsnip, in drills	5 lbs.
Beans, Pole, in hills	10 to 12 qts.	Peas, Canada field, broadcast	120 to 150 lbs.
Beets, Table, in drills	6 lbs.	Peas, Canada field, with oats	75 to 90 lbs.
Beets, Mangold-Wurzel	6 lbs.	Peas, cow, broadcast	60 to 75 lbs.
Buckwheat	1 bush.	Peas, cow, in drills	45 to 60 lbs.
Cabbage, in beds to transplant	¼ lb.	Potatoes (Cut Tubers)	10 bush.
Carrot, in drills	3 to 4 lbs.	Pumpkins, in hills	4 lbs.
Clover, Alsike, alone	5 to 6 lbs.	Radish, in drills	8 lbs.
Clover, Alsike, in mixture	2 to 4 lbs.	Rye, broadcast	1 ½ bush.
Clover, Crimson	12 to 15 lbs.	Rape, broadcast	6 to 8 lbs.
Clover, Red, alone	8 to 12 lbs.	Rape, in drills	4 to 5 lbs.
Clover, Red, in mixture	4 to 6 lbs.	Sage, in drills	8 lbs.
Clover, Sweet, unhulled	25 to 30 lbs.	Spinach, in drills	10 lbs.
Clover, White,	4 to 8 lbs.	Squash (Bush Varieties), in hills	2 lbs.
Clover, Lucerne or Alfalfa	20 lbs.	Squash (Running Varieties), in hills	4 lbs.
Corn, Sweet, in hills	10 qts.	Soy Beans, broadcast	60 to 90 lbs.
Corn, for ensilage	16 qts.	Soy Beans, in drills	30 to 45 lbs.
Cucumber, in hills	2 lbs.	Soy Beans, in drills with corn	15 to 20 lbs.
Grass, Kentucky Blue	42 lbs.	Sunflower	6 to 8 lbs.
Grass, Orchard	22 lbs.	Tomato, to transplant	¼ lb.
Grass, Red Top (Recleaned)	6 lbs.	Turnip, broadcast	2 lbs.
Grass, Timothy	½ bush.	Turnip, in drills	1 ½ lbs.
Grass, Hungarian	1 bush.	Vetch, Hairy, drilled (plus 1 bu. small grain)	40 to 50 lbs.
Grass, Lawn	75 lbs.	Vetch, Hairy, broadcast plus 1 bu. small grain)	50 to 60 lbs.
Melon, Musk, in hills	2 to 3 lbs.	Vetch, Spring, plus 1 bu. small grain	80 lbs.
Melon, Water, in hills	4 to 5 lbs.	Wheat, broadcast	1 ½ to 2 bush.
Millet, Japanese	20 lbs.		
Millet, Golden	1 bush.		
Oats, broadcast	2 to 3 bush.		
Onion, in drills	5 lbs.		

LAWN SEED MIXTURES



Deering's Oaks Park, Portland, Maine

TO MAKE A LAWN

First, prepare the soil, which should be a good loam at least a foot deep, by digging, fertilizing and raking. Reduce the top layer or seed bed to the finest possible condition, free of stones, sticks, hard clods, etc.

Second, sow the seed on a still day. To get a thick, velvety lawn plenty of seed must be used. A pound to 200 square feet is our recommendation. After seed is sown, rake it in very lightly—just barely covering the seed. Then roll.

Do not be disappointed if weeds come. Weed seeds are in the soil and are also blown on to new ground from surrounding fields. Pull or dig them out until the grass shoots come, when they will eventually be choked out.

“A. S. & L.” EXTRA FINE LAWN SEED

This is a mixture of low growing grasses that are especially adapted to lawns. We take great pride in the quality of our A. S. & L. Lawn Seed as we use only the best solid seed obtainable, without chaff or “filler” of any kind. We know that you will be pleased with this seed. Price 45c. per pound. By mail add postage.

“STERLING QUALITY” PUTTING GREEN MIXTURE

Mixed according to the formula of the greatest authority on putting green mixtures in this country; particularly adapted to Northern climates. Impossible to buy better seed. We buy the individual grasses and mix them ourselves. Our price 50c. per lb.; by mail add postage; 50 lbs. \$22.50 f. o. b. Portland.

SHADY SPOT MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The seeds used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular “A. S. & L.” Extra Fine Lawn Seed, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Price 50c. per pound. By mail add postage.



The Portland Country Club, Falmouth, Maine

SPECIAL SERVICE TO GOLF CLUBS

It has been our privilege to furnish many golf clubs with their special requirements of seed for putting greens and fairways.

We are prepared to quote on special formulas as designated or on the following varieties which are used extensively in the best mixtures.

RED TOP, SUPERFINE RECLEANED.

BLUE GRASS, KENTUCKY

BENT, GERMAN IMPORTED AND COLONIAL.

FESCUE, CHEWINGS NEW ZEALAND.

We invite correspondence from golf clubs or estates interested in these special varieties.

USE "STERLING QUALITY" PUTTING GREEN MIXTURE
 (See description on page 24)

*Write us for quotations
 on Fertilizers — especially
 Ground Bone and Sheep Manure*

*Important!
 We are State Agents for
 Ideal Power Lawn Mowers
 See page 73*

"Sterling Quality"

CHOICE FLOWER SEEDS

ANNUALS

General Directions For Cultivation

A rich, sandy loam is the best for most flowering plants. The soil of a good garden should be deep, well pulverized, and if fertilizers are used they should be thoroughly mixed with the soil.

It is best in practically all instances except hardy annuals to start the seed in boxes, preferably a box about 18x24 inches and 4 inches deep, using very sandy soil with leaf-mold that will not bake, and provide for drainage by boring some holes in the bottom of the box. It is best not to put any fertilizer in the seed box, since it is necessary to bring the plants to the third or fourth leaf, when they should be pricked out and reset in another box, in which the soil should be loam mixed with leaf-mold. It is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

If the seed be sown directly in the garden, it should be sown in the spring after the soil is well worked and fertilized. When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling. It is a mistake to leave plants too thick. A common mistake in sowing flower as well as other seeds is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds, or with medium-sized seeds, like Balsams, Zinnias, etc., half an inch or less is the proper depth. Such fine seeds as Portulaca, Nicotiana, etc., need only to be pressed into the soil with a piece of board or palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such annuals as require it.

The weeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

Per Pkt.

ACROCLINIUM. A half-hardy annual, bearing white and rose-colored flowers which are used when dried for winter bouquets. 1½ feet. Rose and white, mixed.....\$0.05

AGERATUM. A beautiful, hardy annual. The flowers, which are produced in clusters, are very attractive in the garden and are very useful for bouquets.

Little Blue Star. Bright blue flowers, 6 inches..... .10
Blue Perfection. Dark Blue. 1½ feet..... .10

ALYSSUM. A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders and for cutting.

Sweet Alyssum. Flowers small and sweet, oz. 35c..... .05

Little Dorrit. Pure white, very dwarf and sweet scented, oz. \$1.00 .10

Lilac Queen. Of dwarf compact habit, with flowers of a pure lilac color; 4 inches..... .10

ANTIRRHINUM (Snapdragon.) A half-hardy perennial, easily raised from seed. Bloom profusely the first season from mid-summer till fall.

TALL, LARGE FLOWERING VARIETIES

Cottage Maid. Pink, with white throat..... .10

Defiance. Brilliant scarlet..... .10

Nelrose. Rich coral pink..... .15

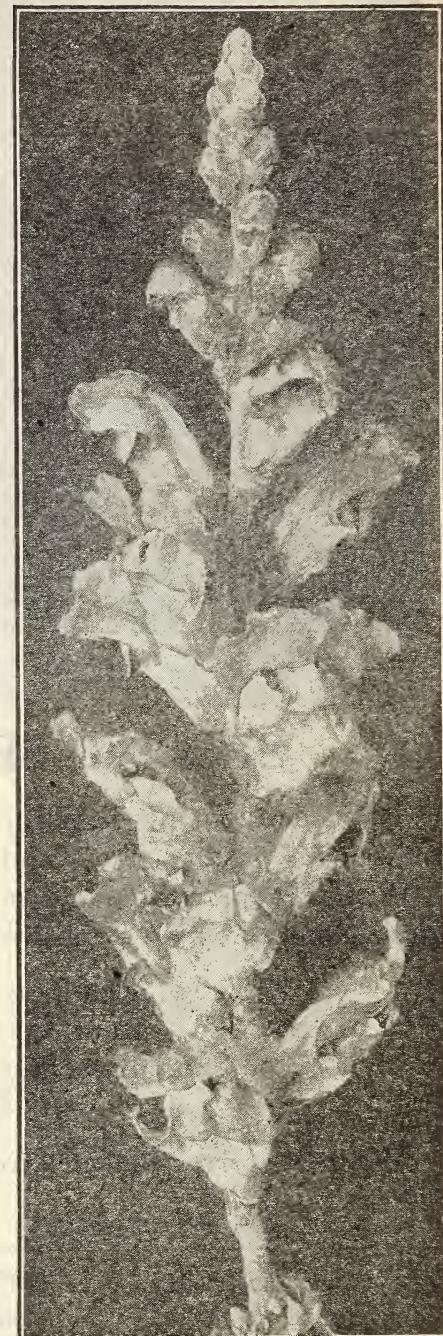
Queen Victoria. Large pure white..... .10

Golden Queen. Large yellow..... .10

Katharine Morse. A wholly new type with wide flowers. The color is old rose blended. Calyx and stem dull gray green.10

Silver Pink..... .10

Large Flowering. Mixed colors..... ¼ oz. 35c. .10



ANTIRRHINUM OR SNAPDRAGON
KATHARINE MORSE

FREE DELIVERY

To any address in the United States on all Flower Seeds by the packet, ounce, half-pound, and pound.

ASTERS

A popular half-hardy annual produced in a great variety of classes and an almost endless number of colors. The tallest varieties grow about two feet high and some varieties of dwarfs are not six inches high. The best method of culture is to sow the seed in boxes in March or April. Cover the seeds about one-fourth inch deep with rich, light soil, and when the plants have three or four leaves transplant about 15 inches apart each way. The seed can be sown in rows where the plants are to remain, thinning them from six to twelve inches apart, according to variety. One of the best annuals for cut flowers.

CALIFORNIA GIANTS (NEW). A type characterized by the Beauty's vigorous growth and the Crego or Ostrich Feather type of flower. A true nonlateral type. The flowers are much larger and more substantial than the improved Crego, measuring 5 to 6 inches in diameter, and stand up well when shipped as cut flowers. Their immense size and beauty, as well as their long and sturdy stems make them very attractive when arranged in floral work—Peach Blossom—Light Blue—Dark Purple—Deep Rose—Mixture of above. Per pkt. 20c. each, 3 pkt. 50c.

EARLY AND MEDIUM EARLY ASTERS

Imperial Daybreak. Flowers very large and double; color a shell pink; height 2½ feet. Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

Imperial Purity. Similar to Daybreak in form and habit of growth; the blooms are pure white. Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

Imperial Lavender. The form of the flower and the habit of the plant are identical with Daybreak, but the color is a delicate lavender. Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

The Royal. An early flowering aster; the plants are of branching habit; the flowers are very double and are borne in great profusion on long stems. Mixed colors. Per pkt. 10c., ½ oz. 45c., ¼ oz. 80c.

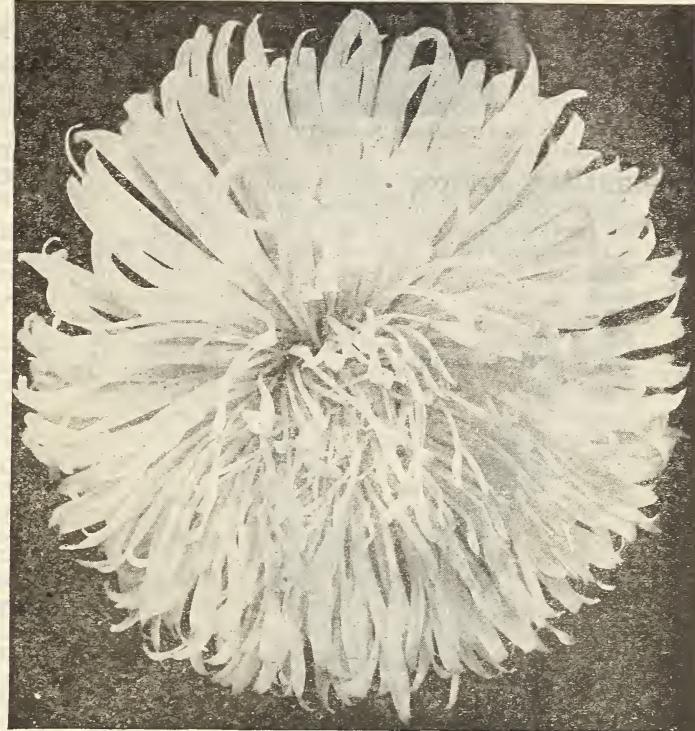
Queen of the Market. One of the earliest blooming varieties. The plants are about 1 foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems. White, light pink, lavender and mixed colors. Separate colors, or mixed. Per pkt. 10c., ½ oz. 35c., ¼ oz. 60c.

MID-SEASON ASTERS

Victoria Fiery Scarlet. The flowers are of enormous size, very double, with the petals beautifully recurved. For bedding or exhibition, the Victoria is unrivalled. Height 2 feet. Pkt. 10c., ½ oz. 35c., ¼ oz. 60c.

Vick's Peerless Yellow. The most satisfactory yellow yet produced. The flowers are large and remarkably full and ball shaped, the plants of branching type and very vigorous. Pkt. 20c., ½ oz. 50c.

Asterum. A select strain of this new aster. The flowers are of immense size, with curled and twisted petals, closely resembling the blooms of Japanese Chrysanthemums. Mixed colors. Per pkt. 10c., ½ oz. 50c., ¼ oz. 75c.



ASTERUM

MID-SEASON TO LATE ASTERS

Improved Giant Crego. One of the finest varieties of asters, flowers very large, often five inches across, with long, stout stems. Keep longer in good condition when cut than any other variety. Height 2½ feet. White, shell-pink, rose-pink, lavender, purple and mixed colors. Separate colors, or mixed. Per pkt. 10c., ½ oz. 50c., ¼ oz. 85c.

Dreer's Superb Late Branching. The plants form strong, branching bushes 2 to 2½ feet high bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. White, shell-pink, rose pink, lavender and mixed colors. Separate colors, or mixed. Per pkt. 10c., ½ oz. 35c., ¼ oz. 60c.

Sensation. Large, double flowers or rich garnet or ox-blood red. The plants are of branching habit, growing about 18 inches high. Per pkt. 15c., ½ oz. 50c.

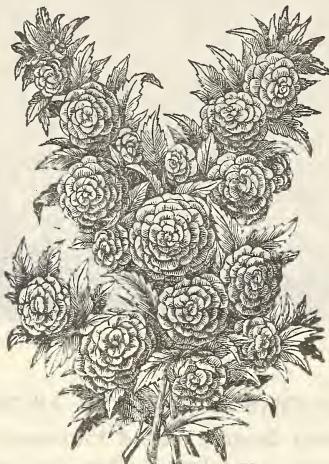
September Beauty. Delicate shell-pink. Per Pkt. 15c.

China Asters. General Mixture. A mixture of many sorts and colors blooming from early in the summer to late in the fall. Per pkt. 10c., ½ oz. 35c.



BACHELOR'S BUTTON

BACHELOR'S BUTTON.	Hardy annual of easy culture, one of the most attractive of all the old fashioned flowers. Sow the seed where it is to remain and thin to six inches.	Per Pkt.
Blue		.05
Rose		.05
White		.05
Mixed Colors	1/2 oz. 15c.	.05
Double Mixed Colors	1/2 oz. 25c.	.10
Double Blue. Fine dark blue.	1/4 oz. 25c.	.10



BALSAM

BALSAM.	A favorite garden flower producing masses of beautiful, brilliant-colored, double flowers of easy culture; succeeds in a good rich soil; set the plants one foot apart; tender annuals; 2 feet.	
Double Camellia-Flowered.	Finest mixed	.05
Double Rose-Flowered.	Finest Mixed	.05

BEANS, Flowering.	Popular ornamental climbers, 6 to 8 feet.	
Scarlet Runner		.10

BEGONIA, Tuberous Rooted Varieties.	Very popular and showy plants for summer decoration or window gardening. Sow the seed indoors in February or March.	
Single Choice Mixed		.25
Double Choice Mixed		.50

BROWALLIA.	Very handsome, free-flowering plants. 1 1/2 feet high.	
Elate. Blue		.05
Alba. White		.05
Mixed		.05

	Per Pkt.
CANARY BIRD VINE. Half-hardy, climbing annual, bearing an abundance of bright yellow fringed flowers.	1/2 oz. 15c. .05
CALENDULA. Profuse-blooming dwarf annuals; of easy culture and flowering until frost.	
Orange King. Double, dark orange red, 1/4 oz. 15c.	.05
Lemon King. Lemon-yellow.	1/4 oz. 15c. .05
Meteor. Yellow flowers, striped with orange.	1/4 oz. 15c. .05
Mixed Varieties	1/4 oz. 10c. .05
CALLIOPSIS (or <i>Coreopsis</i> .) A hardy annual growing about 2 feet high, valuable for bright bedding effects or for cutting. Blooms from June until September.	
Drummondii. Yellow, with maroon center.	.05
Cloth of Gold. Flowers golden yellow.	.05
Mixed. Fine Varieties	1/4 oz. 15c. .05
CANDYTUFT. A hardy annual of easy culture and valuable for bedding or massing.	
Giant Hyacinth Flowered. Very large heads and long spikes of white flowers. 1 foot.	
	1/4 oz. 20c. .10
Crimson. 1 foot.	.05
Flesh Pink. 1 foot.	.05
White. 1 foot.	.05
Finest Mixed. 1 foot. Oz. 30c., 1/4 oz. 10c.	.05
Little Prince. Dwarf, white. 6 inches.	.05
CANNA. The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.	
Crozy's Varieties. Mixed. New large-flowered and free-blooming sorts.	1/4 oz. 20c. .10
CENTAUREA (Dusty Miller.) Half-hardy perennial, used for borders or edgings.	
Candidissima. Silvery white foliage, deeply cut; about 1 foot high.	.10
Gymnocarpa. Leaves silver gray, with graceful, drooping habit. 1 1/2 feet.	.10
CHEYSANTHEMUM (Annual.) Summer-blooming annuals, growing 12 to 18 inches high. very effective for beds or cut blooms.	
Single Mixed	1/4 oz. 15c. .05
Double Mixed	1/4 oz. 15c. .05



CALENDULA—ORANGE KING

	Per Pkt.	Per Pkt.
CLARKIA. Beautiful, hardy annuals with rose-colored, white and purple flowers in very brilliant shades. About 1½ to 2 feet high and profuse bloomers.		
Single Mixed.....	¼ oz. 15c.	.05
Double Mixed.....	¼ oz. 15c.	.05
COBAEA. A rapid-growing climber, with handsome foliage and large bell-shaped flowers half-hardy perennial. 20 ft.		
Scandens. Purple.....	¼ oz. 25c.	.10
OCKSCOMB. Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants.		
Glasgow Prize. Brilliant, deep purplish-red combs, dark foliage. Height about 1 foot..	.10	
Finest Dwarf Mixed.	.10	
COLEUS. A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored, velvety leaves.		
Mixed Hybrids. Finest Mixed varieties...	.25	
CONVOLVULUS major (Morning Glory.) A handsome, showy climber of easy culture and suitable for covering windows, trellises, etc. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annuals 10 feet high.		
Finest Mixed.....	Oz. 15c., ¼ lb. 40c.	.05
Imperial Japanese. Handsome flower of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, and striped.		
Oz. 25c. ....	.05	
COSMOS. A very effective flowering plant, quite hardy and rapid growing, forming bush-like plants 4 to 6 feet high and covered with large, single, dahlia-like flowers. Start in March and transplant to open ground about June first.		
Early Flowering, Mixed Colors..	¼ oz. 20c.	.10
" " White	¼ oz. 25c.	.10
" " Pink	¼ oz. 25c.	.10
" " Crimson	¼ oz. 25c.	.10
Late Flowering. Giant Mixed. 6 to 7 feet high	¼ oz. 25c.	.10
NEW EXTRA EARLY FLOWERING DOUBLE COSMOS. They grow to a height of about three feet, forming a perfect bush massed with bloom, bearing beautiful double flowers of good size on long stems; they come about seventy-five per cent double from seed. They bloom in seventy days from the day seed is sown, and continue until cut down by frost.		
Double Crimson,.....	.25	
Double Pink,.....	.25	
Double White,.....	.25	
CYCLAMEN. A tender perennial for greenhouses and window gardens. Easily grown from seed. Sow in August or September.		
Persicum Giganteum. Giant mixture.....	.50	
CYPRESS VINE. A summer, climbing annual with fine, feathery foliage and pretty, star-shaped flowers.		
Scarlet .....		.05
DATURA. Large, strong-growing plants with large, trumpet-shaped flowers. 3 feet.		
Finest Mixed.....		.05
DIANTHUS or Pinks. Hardy biennials that bloom the first season, remaining green all winter and blooming the next year also if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted. Average height, 1 foot.		
Chinese Double Mixed..A mixture of brilliant coloring and marking.....	¼ oz. 15c.	.10
Marguerite, Giant Mixed. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in the spring commence flowering in early summer and continue to bloom until checked by frost.....	½ oz. 30c.	.10
Marguerite. Dark red .....		.10
Marguerite. White .....		.10
Carter's Choice Double Mixed Carnation. Beautiful variety, producing double flowers of various shades and colors. Seed saved from choicest double flowers.....		.25
DAHLIA. A popular late summer and autumn flowering plant. The seed may be planted early in the hotbed and the plants set out in May after all danger of frost is over. By sowing the seed early the plants may be made to bloom the first year.		
Double Mixed.....		.10
Single Mixed.....		.10
DIDISCUS. (Blue Lace Flower) An attractive annual blooming from July until frost. The flowers are pale lavender and are invaluable for cutting. Height 1½ ft.....		.15
FEVERFEW. Free-flowering annuals for bed, borders and pot culture.		
Double White.....		.10
Golden Feather. Very popular for edgings. 1 foot.....		.10
GRASSES (Ornamental.) Ornamental grasses serve the double purpose of rendering the mixed flower bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets.		
Mixed Annual Varieties.....		.10



ESCHSCHOLTZIA

Per Pkt.

ESCHSCHOLTZIA (California Poppy.) The foliage is finely cut and has a blush tinge, delicate and very attractive. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom. Hardy annual; height, 1 foot.

SCARLET BEAUTY. This is one of the brightest colors in Eschscholtzias, it being a deep scarlet and as the plants are very erect, it has the appearance when in bloom of a vivid scarlet tulip..... .15

Californica. Deep yellow, orange center..... Oz. 20c. .05
Mandarin. Deep orange..... 1/2 oz. 20c. .05
Carmine King. Carmine-Rose..... 1/2 oz. 30c. .10
Single Mixed..... Oz. 20c. .05

HYBRIDA GRANDIFLORA MIXTURE. New large flowering erect type containing a large percentage of new colors in Eschscholtzias and includes soft pink, scarlet, chrome, copper red, mauve, claret and royal purple. When in bloom this mixture is most gorgeous. 1/4 oz. 25c. .10

GAILLARDIA. Very showy plants with brilliant flowers. Hardy annuals, 2 feet high.

Double Mixed. Annual..... 1/4 oz. 15c. .05

GLOBE AMARANTH. Globe-shaped, everlasting flowers. If cut when well matured, will retain their beauty through the winter. Tender annuals; 12 to 18 inches high.

Fine Mixed..... .05

GODETIA. Beautiful garden plants, having large, delicately shaded blossoms. Easily cultivated in garden soil. Hardy annual; about 1 foot high

Finest Mixed..... 1/4 oz. 15c. .05

GOURDS. Ornamental, rapid-growing, trailing annuals, with curiously-shaped, highly-colored fruits. Cultivate the same as melons or squashes; 10 to 20 feet.

Mixed Varieties 1/2 oz. 15c. .05

GYPSOPHILIA (Baby's Breath). Free-flowering, elegant plants, succeeding in any garden soil.

Elegans grandiflora alba. A hardy annual, pure white flowers..... 1/4 oz. 15c. .05

Per Pkt.

HELICHRYSUM. (Straw Flower.) Everlasting flowers, large and full. Cut before the flowers fully expand. Hardy annual. 2 feet. Finest Double Mixed..... 1/4 oz. 25c. .05

HELIOTROPE. This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.

Queen Marguerite. Bears immense clusters of large deep dark-blue flowers. Very fragrant Finest Mixed..... 1/8 oz. 35c. .10



HELIOTROPE

HOLLYHOCK. Hardy annuals, blooming the first season. Single Mixed..... 1/4 oz. 35c. .10
Double Mixed..... 1/4 oz. 50c. .10

HUMULUS JAPONICUS (Japanese Hop.) Fast-growing, annual climber. 12 feet..... 1/4 oz. 20c. .05

HYACINTH BEAN. Tender, climbing annual. Grows rapidly and is valuable for covering a trellis. The shining purple seed pods are very ornamental. Finest Mixed..... 1 oz. 20c. .05

KOCHIA TRICOPHYLLA (Summer Cypress.) A splendid ornamental annual plant, forming dense oval bushes 2 to 2 1/2 feet high, of small, feathery, light green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant..... 1/4 oz. 20c. .05

LARKSPUR. (Delphinium.) Very ornamental plants, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation.

Double Dwarf Rocket. 1 foot in height
Mixed colors..... 1/4 oz. 20c. .05

Stock-Flowered. Double, branching; fine for cutting. 2 feet. Mixed colors..... 1/4 oz. 20c. .05

Double Stock Flowered Tall "Exquisite." An excellent variety for cutting or garden decoration, growing 2 1/2 to 3 feet. The color is a beautiful soft pink. Hardy annual.15

LAVATERA (Mallow.) Beautiful hardy annuals covered the entire summer with saucer-shaped flowers. The seed may be sown where they are to bloom. Height 2 to 3 feet.

Pink10
White10

Per Pkt.

LINUM Grandiflorum Rubrum (Scarlet Flax.)
A beautiful and effective plant of slender and delicate growth, having a profusion of bright flowers. Hardy annual; about 1½ feet high .05

LOBELIA. The dwarf varieties are very useful for edging, and the trailing varieties for hanging baskets and window-boxes.

Erinus gracilis. Blue trailing.....½ oz. 40c. .10
White Gem. Snow-white flowers..... .10
Crystal Palace Compacta. 6 inches.
Dark blue bedding variety.....½ oz. 50c. .10

LOVE-IN-A-MIST. A hardy annual, 1 foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.

Mixed. Blue and white shades.....oz. 25c. .05

LOVE LIES BLEEDING. Light yellowish green foliage; long, drooping, crimson flower spikes. Plant 3 to 4 feet high. Hardy annual.... .05



LUPINS

LUPINS. Showy plants, with long spikes of various colored pea-shaped flowers; very desirable for mixed borders.

Fine Mixed..... 1 oz. 30c. .05

MALOPE. Free-blooming, hardy annuals suitable for mixed borders and fine for cutting. Height 3 feet.

Grandiflora Mixed.....½ oz. 25c. .05

MARIGOLD (Tagetes.) A hardy annual plant, in dwarf and tall varieties, growing from 6 inches to 2 feet high. Foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. Seeds can be sown in a cold frame and the plants transplanted late in the spring or in the open border.

DOUBLE AFRICAN VARIETIES

Orange Prince. A double variety with quilled petals; flowers showy, bloom very early¼ oz. 25c. .05

Lemon Queen. Large, lemon-colored flowers05

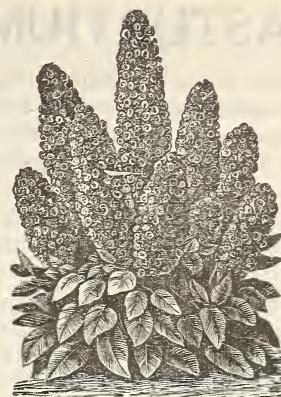
Finest Mixed.....½ oz. 20c. .05

FRENCH VARIETIES

Tall Double Mixed.....¼ oz. 20c. .05

Dwarf Double Mixed.....¼ oz. 20c. .05

Gold Striped. Double variety, brilliantly marked and striped. 1 ft.....¼ oz. 20c. .05



MIGNONETTE

Per Pkt.

MIGNONETTE (Reseda.) A hardy annual, growing 6 to 12 inches high and bearing pyramidal-shaped flower spikes, which are exceedingly fragrant. Grows easily from boxes or sown out in the garden and thinned to 4 or 6 inches. Valuable for potting, for bedding or for border.

Large Flowered. Very sweet.....Oz. 20c. .05
Goliath. A giant, red-flowered variety richly scented.....¼ oz. 50c. .10
Carter's Perfection. Large spikes, deliciously fragrant.....¼ oz. 30c. .10
White Pearl. Long spikes of fragrant white flowers.10

MARVEL OF PERU. The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. 2 feet high, with bright foliage and fragrant flowers of desirable colors. Seed should be planted in the open ground where plants are desired.

Mixed colors.....oz. 20c. .05

MOONFLOWER. A beautiful vine which grows very rapidly, attaining a height of 50 feet in a season, producing flowers 3 to 4 inches across. Blossoms evenings and cloudy days. Soak the seeds in warm water 24 hours before planting.

Grandiflora Alba. Large white flowers.....½ oz. 25c. .10
Giant Pink. Soft lilac-pink flowers.....½ oz. 25c. .10

MOURNING BRIDE (Scabiosa.) A very showy free-flowering plant, producing a great profusion of beautiful and richly-colored double flowers. Beautiful in the garden and excellent for bouquets. 12 to 18 inches high. Annual.

The Fairy. Fine azure-blue..... .05
Snowball. White05
Cherry-Red05
Rose05
Black Prince05
Golden Yellow05
Mixed Colors.....¼ oz. 25c. .05

MIMULUS (Monkey Flower.) Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

Mixed Spotted Varieties..... .10

MUSK PLANT. Fragrant plant, with small yellow blossoms, spotted lightly with brown... .15

NASTURTIUM

A popular flower which is in constant bloom throughout the season, making a better display than almost any other plant. New colors are being developed, and in our list will be found all the best varieties that have been introduced.

Nasturtiums are of the easiest culture and require very little care after the seed is sown, merely weeding and the seed-balls picked off. If these are permitted to mature the beauty of the plant is soon lost. Plant the seed one inch deep in moderately good soil. The tall sorts are specially adapted for covering unsightly fences or trailing over rocks and rough ground. Hardy annual.

DWARF VARIETIES

Of dwarf, compact growth; bloom in two months from sowing and most profusely the whole season. Height 1 foot.

	Pkt.	Oz.	1/4 lb.
Aurora. Light reddish-orange, veined with carmine .....	.05	.15	.40
Beauty. Scarlet and yellow .....	.05	.15	.40
Crimson .....	.05	.15	.40
Crystal Palace Gem. Sulphur-yellow spotted with carmine .....	.05	.15	.40
Empress of India. A splendid variety, with dark leaves and crimson flowers .....	.05	.15	.40
Golden King. Golden yellow.....	.05	.15	.40
Golden Midnight. The foliage is a light yellowish-green, while the flowers are of such a dark maroon as to seem almost black .....	.10	.20	.50
King of Tom Thumbs. Dark foliage, scarlet flowers .....	.05	.15	.40
King Theodore. Intensely dark crimson or chocolate .....	.05	.15	.40
Pearl. Creamy white .....	.05	.15	.40
Queen of Tom Thumbs. Variegated foliage, bright crimson flowers....	.05	.15	.40
Vesuvius. Salmon pink, dark foliage..	.05	.15	.40
Scarlet. Brilliant scarlet flowers.....	.05	.15	.40

Special offer. 6 five cent pkts. of the above for 20c.

DWARF MIXED NASTURTIUMS

A., S. & L. Extra Choice Mixture. Our own mixture from a selection of named varieties and colors. Nothing finer. Pkt. .05c., oz. .15c., 1/4 lb. .40c. 1 lb. \$1.25.

FINE MIXED

Our Growers Mixture. A fine assortment of colors. Pkt. .05c., oz. .10c., 1/4 lb. .30c., 1 lb. \$1.00.



NASTURTIUM

TALL OR CLIMBING VARIETIES

Height, 10 to 12 feet.

	Pkt.	Oz.	1/4 lb.
Coccineum. Scarlet.....	.05	.15	.40
Dark Crimson.....	.05	.15	.40
Dunnett's Orange...Deep Orange.....	.05	.15	.40
Hemisphaericum. Orange-salmon and scarlet .....	.05	.15	.40
King Theodore. Dark red, extra fine..	.05	.15	.40
Pearl. Creamy white.....	.05	.15	.40
Prince Henry. Light yellow, marbled with scarlet.....	.05	.15	.40
Schillingi. Bright yellow, blotched with maroon.....	.05	.15	.40
Vesuvius. Brilliant salmon-rose, dark-leaved .....	.05	.15	.40
Yellow .....	.05	.15	.40
Madam Gunther Hybrids. Large flowers, great variety of brilliant colors.	.05	.15	.50
Collection of six varieties for 20c.			

TALL MIXED NASTURTIUMS

A., S. & L. Extra Choice Mixture. Our own selection. Pkt. .05c., oz. .15c., 1/4 lb. .40c., 1 lb. \$1.25.

Fine Mixed Growers Mixture.

Pkt. .05c., oz. .10c., 1/4 lb. .30c., 1 lb. \$1.00.

Per Pkt.

NEMESIA STRIMOSA SULTONI. Free-blooming plants for pot culture and open border. Sow the seed in March under glass or sow out of doors in May. Hardy annual. 1 foot. Blue, lilac, and white flowers..... .10

NICOTIANA. Showy plants with slender, tall, flowering stems and fragrant flowers; half-hardy annuals. About 3 feet high.

Affinis. White and very fragrant..... .05

Mixed Hybrids. All colors..... .10

PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seed sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plants must be vigorous and make a rapid growth; use manure liberally.

	Per Pkt.
Mastodon Miracle Mixed (new.) A super mixture containing the finest types of pansies including ruffled flowers, and many new sunburst pansies, smoky rims, henna shades, with fine long stems. ....	.50
Masterpiece. These pansies have a most beautiful combination of rich, velvety coloring and attractive wavy or ruffled petals. $\frac{1}{8}$ oz. \$1.00	.15
Black Mastodon. Velvety black. ....	.20
Bronze Mastodon. ....	.20
Madam Steel Purple ....	.20
White Mastodon. Black center. ....	.20
Grand Duke Michael. Pure White. ....	.20
Madame Perret. Red and wine shades. ....	.20
Meteor. Terra cotta. ....	.15
Parisian Yellow. Pure yellow. ....	.20
Prince Henry. Dark Blue. ....	.15
Steel's Adonis Light blue. ....	.15
Greenhouse Special Mixed. Long Stems. ....	.25
	$\frac{1}{8}$ oz. \$2.00
Allen's Private Stock Mixed	$\frac{1}{8}$ oz. \$1.25
"A., S. & L." Special mixed.	$\frac{1}{8}$ oz. 75c.



	Per Pkt.
PASSION FLOWER (Passiflora.) A half-hardy perennial climber, bearing attractive blue fringed flowers. Height 10 to 15 feet. ....	.10
PRINCE'S FEATHER. Tall spikes of red flowers 3 feet. ....	.05
PHLOX DRUMMONDII. Grandiflora. One of the most satisfactory bedding plants. A hardy annual growing about one foot high, and bearing beautiful and brilliantly colored flowers.	
<i>Isabellina.</i> Yellow. ....	.10
<i>Alba.</i> Pure White. ....	.05
<i>Alba Occulata.</i> Dark Purple, white eye. ....	.05
<i>Brilliant.</i> Bright scarlet. ....	.05
<i>Finest Mixed.</i> Best large-flowered varieties.	$\frac{1}{4}$ oz. 50c



PHLOX DRUMMONDI

POPPY (Papaver.) The seed should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Thin 6 to 10 inches apart. If left thick the plants will be weak and the blossoms inferior. The Shirley is beautiful for cutting.

“American Legion.” This new single Shirley is a dazzling orange scarlet of enormous size, borne on long stout stems. The plants are of very erect robust growth. oz. 75c. 15

Shirley. The most beautiful type of poppies, having soft foliage and an immense variety of single blossoms in white, pink, lavender, purple, shades of red and scarlet; the best and most showy of all single poppies. oz. 30c. 05

Danebrog. Large flowers of brilliant scarlet, with a silver spot on each of the petals.

$\frac{1}{4}$ oz. 25c. 05

Tulip. Dazzling scarlet tulip-shaped flowers.

$\frac{1}{4}$ oz. 25c. 05

DOUBLE ANNUAL POPPIES

Carnation, Double Mixed. Large, showy, double flowers of various colors.	$\frac{1}{2}$ oz. 15c. 05
Carnation, Double. Scarlet.	$\frac{1}{2}$ oz. 20c. 05
Carnation, Double. Shell Pink.	$\frac{1}{2}$ oz. 20c. 05
Snowdrop. Pure white, fringed.	$\frac{1}{2}$ oz. 20c. 05
The Shirley. Double, salmon shades.	$\frac{1}{4}$ oz. 25c. 10
The Shirley. Double, pink shades.	$\frac{1}{4}$ oz. 25c. 10



FRINGED PETUNIA

PETUNIA. Free-flowering and easily cultivated; well-known favorites. They thrive in almost any soil and produce a brilliant array of color throughout the season. The seed will germinate with little difficulty if a reasonable amount of care is used in sowing. Be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small smooth board, and cover very lightly with fine soil. Per Pkt.

Large-Flowered Single, Fringed. Choice mixed	\$0.25
Large-Flowered Double, Fringed. Choice mixed .....	.25
Giants of California. Flowers very large, and deeply fringed. A variety of colors.....	.25
Ruffled Giants. Flowers of enormous size, with ruffled edges and brilliant colors.....	.25
Rosy Morn. A bright rosy pink with white throat	1/4 oz. \$1.00
Howard's Star. A beautiful free-flowering strain, color a rich, dark crimson, with five-pointed white star.....	.15
Pure White	1/4 oz. 50c.
Choice Mixed. Striped and blotched. ....	.10
Fine Mixed. All Colors.....	1/8 oz. 25c., 1/4 oz. 25c.

PORTULACA. The plants are of low growth and spreading habit. The flowers of the double varieties are like small roses, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower. Annual.

Finest Double Mixed.....	1/8 oz. 50c.	.10
Finest Single Mixed.....	1/4 oz. 20c.,	.05

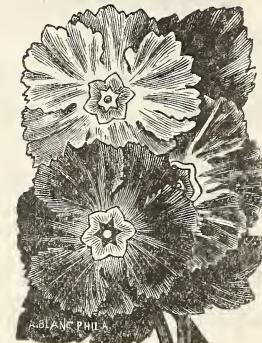
SALPIGLOSSIS. Very showy bedding or border plants with richly-colored flowers, which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and pencilled. Hardy annual, 2 feet.

Grandiflora. Special mixture	1/8 oz. 50c.	.10
Emperor. Finest Mixed. Very large flowers.	1/8 oz. 50c.	.10
Smilax. A graceful climber with small, dark green foliage.....	.10	

PRIMULA (Chinese Primrose.) A beautiful flowering plant for winter decoration in the home or conservatory.

Sow the seed in well-drained shallow pans, from April to the last of July, to insure flowering the following winter.

Per Pkt.
Giant Fringed. Mixed Colors..... .50



PRIMULA

RICINUS (Castor Oil Bean.) A half-hardy annual, growing from 6 to 15 feet high and bearing large, green, deep purple and brown leaves, and bright orange and scarlet flowers. Of the easiest culture. Fine for lawns, massing or center plants for beds.

Mixed Varieties..... Oz. 20c. .05

Zanzibarensis Mixed. A very large-leaved variety, light and dark green and bronze foliage; 10 to 12 feet..... Oz. 25c. .05

RHODANTHE. Fine for garden. Comes into flower early and continues a long time. One of the best everlasting for bouquets.

Fine Single Mixed..... .05

SCHIZANTHUS. Hardy annuals, growing 1 1/2 to 2 feet high, and covered with bright, showy, butterfly-like blossoms. Mixed. Large flowering

.10

HYBRIDUS GRANDIFLORUS. Plants are of compact and pyramidal habit, covered with large blooms and a variety of colors.....

.15

SWEET PEAS

The popularity of Sweet Peas is demonstrated by the many and beautiful varieties that are introduced each year. Our list includes all the best up-to-date varieties.

Sow as early as the ground can be prepared in a deep, rich, moist soil, in drills 6 inches deep, covering about 2 inches deep. As the vines grow, fill up the trenches with soil and thin out to about 4 or 5 inches apart. A popular plan at the present time is to sow in double rows with a trellis or a row of brush between.

GIANT SPENCER VARIETIES

The Spencers have very large waved flowers which are produced abundantly on long, strong stems, and are most desirable for cutting.

MORSE'S NEW CRIMSON KING

The greatest advance in this color since the Introduction of King Edward Spencer and far ahead of all recent introductions. The color is a solid, rich, deep, clear crimson throughout, becoming richer in the throat. Absolutely no distinguishing difference between color of standard and wings. The flowers are of precisely the same distinct color from bud to "passing off" stage. Entirely free from sunburn and wind scald at all times." Per pkt. 25c.

EARLY FLOWERING SPENCER SWEET PEAS

Early Grenadier. The color may best be described as a glowing poppy scarlet. 15c. per pkt., 2 pkts. 25c., \$1.00 per oz.

Early Fair Maid. The finest early blush pink of robust growth, with long stems. 15c. per pkt., 2 pkts. 25c., \$1.00 per oz.

Early Irene. This is an early Lavender Florence Nightingale, a very fine bluish lavender. 15c. per pkt., 2 pkts. 25c., \$1.00 per oz.

Early Madonna. This is an Early Constance Hinton and without doubt the finest White Sweet Pea that has been introduced. It produces flowers of the largest size on long stems. 15c. per pkt., 2 pkts. 25c., \$1.00 per oz.

Alexander Malcolm. Very bright scarlet cerise. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Apple Blossom Spencer. Standard bright rose, wings primrose with a flush of rose. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

Asta Ohn. The best lavender, very large and wavy. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Aurora Spencer. White, with stripes and flakes of orange-pink, Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 65c.

BARBARA. Bright salmon orange with dark stems. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Constance Hinton. The largest white Spencer. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

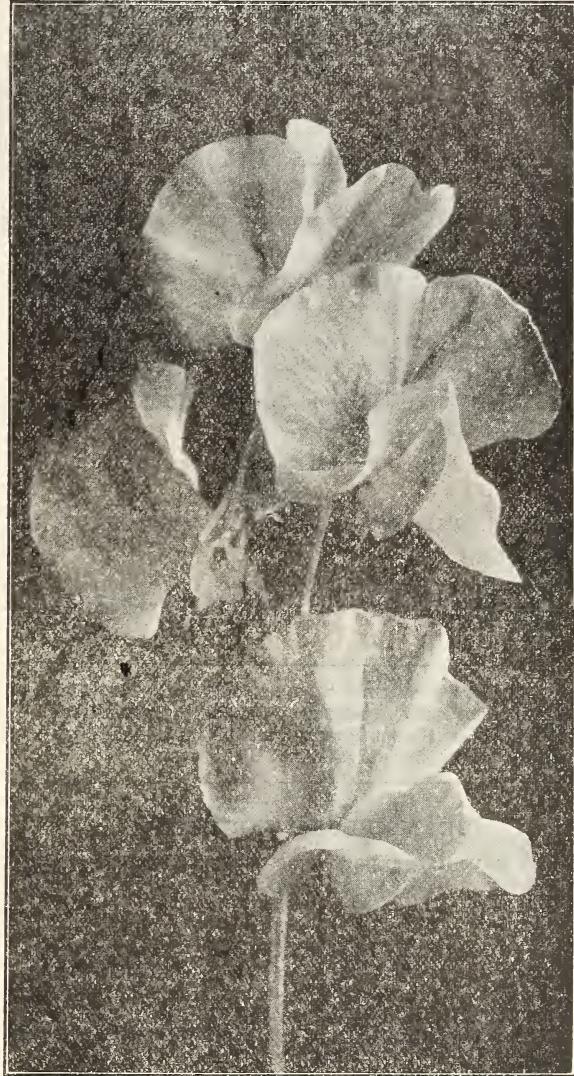
Countess Spencer. The original giant-flowered Spencer, Clear Pink. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

Dainty Spencer. White with rose-pink edges. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Dobbie's Cream. The finest primrose-yellow. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 90c.

Early Torch. An orange scarlet that will not burn in sunlight. One of the best. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Early Nightingale. A beautiful mauve lavender when young, but after standing in water a short time the flowers become a beautiful blue lavender. The vines are vigorous and flower profusely, usually four to each stem. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00



EARLY IRENE

Elfrida Pearson. Light pink, shaded lighter. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Florence Nightingale. Large, pure lavender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Geo. Herbert. A large Spencer, rose-crimson. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

Hebe. Giant rose-pink. Pkt. 5c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Hercules. A giant flower of finest form. Color bright rose pink. Flowers are beautifully waved. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Illuminator. Salmon orange overlaid with bright cerise Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

SWEET PEAS — Continued

Giant Spencer varieties continued from page 35.

King Edward. The best pure red Spencer, very large. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

King White. The best white. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.

Margaret Atlee. Best deep cream-pink. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Margaret Madison. Best pale lavender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

Marie Corelli. Rose-Carmine. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

Mrs. Hugh Dickson. Buff apricot and rose. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

Mrs. Tom Jones. Deep amethyst blue, very fine form. Pkt. 15c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

New Miriam Beaver. Best light cream-pink. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Pink Pearl. Clear pearly pink. Pkt. 15c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Royal Scot. Brilliant scarlet. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Splendour. Rich red maroon. Pkt. 15c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Yarrawa, Early Flowering Spencer. Color bright rose-pink with lighter base. Pkt. 15c., oz. 75c., $\frac{1}{4}$ lb. \$2.50.

A., S. & L. Superb Spencer Mixed. Our own mixture of true Spencer types only. As fine a collection of Sweet Peas as can be purchased anywhere. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

GRANDIFLORA VARIETIES

These have large handsome flowers, but the petals are not waved like the Spencer varieties. Earlier than the Spencers.

"A., S. & L." SPECIAL MIXTURE. This mixture is made up by ourselves from the best named Grandiflora and cannot fail to give satisfaction. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., $\frac{1}{2}$ lb. 55c., lb. \$1.00. Note: One quarter of a pound of seed will sow fifty feet.

GRANDIFLORA MIXED SWEET PEAS IN SEPARATE SHADES

Lavender and Blue Shades. Pink Shades.

Purple and Maroon Shades. Red Shades.

White and Primrose Shades.

Each of the above, oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

Collection, one oz., each of the five separate shades, 40c.

FREE DELIVERY

To any address in the United States on all Flower Seeds by the packet, ounce, half-pound, and pound.



TEN WEEK STOCKS

STOCKS (Gilliflower.) Hardy annuals, 2 feet high, with spikes densely covered with beautiful double flowers of almost every desirable tint. Seeds may be sown in the open ground, hotbed or cold frame, but transplanting should be done when the plants are just out of the seed leaf. Make the soil deep and rich, and set the plants a foot apart.

LARGE-FLOWERED TEN WEEKS

The best variety for bedding out for summer blooming, producing a large percentage of double flowers.

Per Pkt.
Mixed varieties..... $\frac{1}{8}$ oz. 60c. .10

LARGE-FLOWERED BEAUTY STOCKS

A magnificent race of recent introduction, with long trusses of extremely double flowers of delightful fragrance. The plants attain a height of about 1½ ft., and are of sturdy growth. For forcing in the greenhouse in Winter they are unexcelled. They are equally good when planted in the garden, coming into bloom a little later than the Ten-week section and lasting until late in the season.

Apple Blossom .....	.10
Canary Yellow, (Monte Carlo) .....	.10
Flesh Pink, (Beauty of Nice) .....	.10
Light Blue, (Cote d' Azure) .....	.10
Rosy Lilac, (Queen Alexandra) .....	.10
White, (Mont Blanc) .....	.10
Choice Mixed..... $\frac{1}{8}$ oz. 75c.	.10

IMPROVED CUT-AND-COME AGAIN

White (Princess Alice.) \$0.10	Blood Red \$0.10
Canary Yellow 10	Light Blue .10
Choice Mixture..... $\frac{1}{8}$ oz. 75c.	.10

Per Pkt.

SALVIA. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May. Bloom from July to frost. Set plants 1 foot apart. Half-hardy annual

AMERICA. An improved variety of dwarf, compact growth; very early and produces large spikes of brilliant scarlet flowers. $\frac{1}{8}$ oz. 75c.

Bonfire. Very compact, with long, erect spikes of brilliant scarlet flowers. 2 feet. $\frac{1}{8}$ oz. 60c.

Zurich. The earliest blooming variety; the plants are dwarf and compact, producing brilliant scarlet flowers. 1 foot. $\frac{1}{8}$ oz. 75c.

SWEET SULTAN. Large, sweet-scented flowers
Finest Mixed oz. 50c.

SUNFLOWER (Helianthus.) Hardy annuals, growing from 3 to 6 feet high. Of the easiest culture and suitable for a stately row or background. Plant in light or sandy soil.

Californicus fl. pl. Splendid variety, with magnificent heads of double orange flowers. 5 feet. Oz. 20c.

Miniature. Small, single rich yellow flowers, with black center. 4 feet. Oz. 20c.

Sutton's Red. Single large red flowers, shading to yellow at tips of petals. 6 ft. Oz. 25c.

Mammoth Russian. Large yellow. Oz. 5c.

THUNBERGIA. (Black Eyed Susan.) Beautiful annual trailing plants for hanging basket and vases. Mixed colors. 4 feet. $\frac{1}{4}$ oz. 25c.

VERBENA. A well-known annual for beds, and borders. Seed sown in March will bloom in June and continue until frost. Plants raised from seed are more vigorous and produce more flowers than those grown from cuttings.
"A. S. & L." Mammoth Mixed $\frac{1}{4}$ oz. 50c.

WILD CUCUMBER (Echinocystis Lobata.) This is a useful climber where a rapid and vigorous growth of vine is desired. The vine is thickly covered with white, fragrant flowers. Hardy annual. Oz. 25c., $\frac{1}{2}$ oz. 15c.

ZEA JAPONICA (Striped Japanese Maize.) Very ornamental, variegated foliage.

ZINNIA. A hardy annual, growing from 1 to 2 feet high. One of the most brilliant and showy plants. They flower early in the summer and keep on blooming until frost. Sow in boxes early and transplant.

GIANT FLOWERING DOUBLE

Apricot Orange	Purple
Crimson	Scarlet
Flesh-Color	White
Golden-Yellow	Giant Mixed. All colors

Pkt. 10c., $\frac{1}{4}$ oz. 40c.

.15

.10

.15

.10

.05

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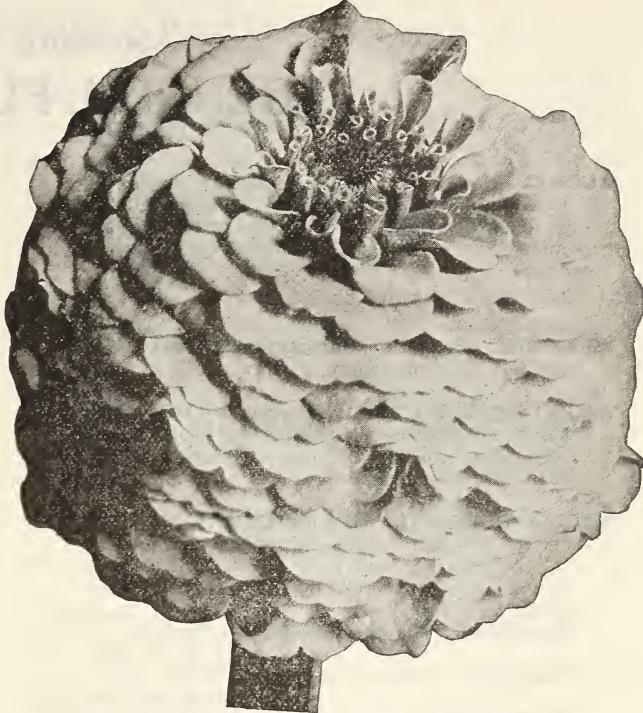
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GIANT FLOWERING DOUBLE ZINNIA

ZINNIA—Cont'd

Per Pkt.

CURLED AND CRESTED. A beautiful type of flowers, with curled and twisted petals.
Choice Mixed $\frac{1}{4}$ oz. 40c. .10

GIANT DAHLIA FLOWERED ZINNIA

A wonderful improvement in Zinnias, the flowers being as large as Dahlias. The plants of this variety are very strong and rugged, growing to a height of about three feet.

CRIMSON MONARCH. By far the largest and best of the red shades. Flowers often eight inches in diameter.25

DREAM. A fine deep lavender, turning to purple. A new, desirable shade in Zinnias.25

EXQUISITE. Color light rose with center a deep rose.25

GOLDEN STATE. A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom.25

ORIOLE. Considered the most beautiful of its class. It is an immense orange and gold bicolor.25

POLAR BEAR. A very large pure white, the best white yet seen in Zinnias. True Dahlia form.25

SCARLET FLAME. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal.25

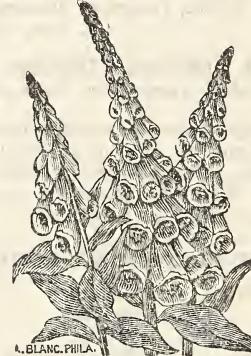
SUNRISE. A combination of pleasing apricot shades. Large flowers of good form.25

SPECIAL MIXTURE. Pkt. 20c., 3 pkts. for 50c. .25

PREMIUMS—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This Special Offer is for Flower Seeds in packets only.

WILD GARDEN FLOWER SEEDS. A mixture of easily grown varieties of Flower Seeds for Sowing broadcast, require very little care and produce a continual display of bloom throughout the season, and furnish an abundance of flowers for cutting. They are useful for sowing along fences and on unsightly bare spots of ground. Oz. 15c., $\frac{1}{4}$ lb. 50c. .05

“Sterling Quality”
PERENNIAL FLOWER SEEDS

	Per Pkt.	Per Pkt.
ACONITUM (Monk's Hood.) Hardy perennial, with helmet-shaped flowers; growing in any good garden soil. Thrives best when planted among shrubbery or in shady situations. 4 feet.		
Nappellus. Large blue.....	.15	
ALYSSUM. Saxatile Compactum (Basket of Gold.) Golden yellow flowers.....	.10	
AMPELOPSIS VEITCHII (Boston Ivy.) The best hardy vine for covering brick or stone buildings, etc.; foliage turning to scarlet in the autumn. $\frac{1}{2}$ oz. 25c.....	.10	
BELLIS PERENNIS (Double Daisy.) Sow the seed very early. The flowers are abundant in early spring and may be continued later by the use of water. Set about six inches apart in a cool border.		
Longfellow. Large, rose-colored flowers.		
.....	$\frac{1}{8}$ oz. 50c.	.10
Snowball. Large, double pure white.		
.....	$\frac{1}{8}$ oz. 50c.	.10
Finest Mixed.....	$\frac{1}{8}$ oz. 40c.	.10
SHASTA DAISY. Fine, hardy perennial, producing large flowers which are very desirable for cutting. Height 2 feet.		
Alaska. Pure white.....	$\frac{1}{8}$ oz. 35c.	.10
CANTERBURY BELLS		
		
CANTERBURY BELLS		
CANTERBURY BELLS. Large bell-shaped flowers which are very effective. Succeeds best in light, rich soil. Transplant two feet apart. Height 2 to 4 feet.		
Single Blue.....	$\frac{1}{8}$ oz. 25c.	.10
Single Rose.....	$\frac{1}{8}$ oz. 25c.	.10
Single White.....	$\frac{1}{8}$ oz. 25c.	.10
Single, Fine Mixed.....	$\frac{1}{8}$ oz. 20c.	.05
Double, Fine Mixed.....	$\frac{1}{8}$ oz. 25c.	.10
Cup and Saucer.		
Finest Mixed.....	$\frac{1}{8}$ oz. 60c.	.10
COLUMBINE. (Aquilegia.) Well-known hardy perennials, bearing in great profusion, through May and June, exquisite flowers greatly varied in coloring; of easy culture, thriving best in dry soil and growing well in partial shade. 1 to 3 feet.		
Single, Mixed Colors.....	.10	
Double, Mixed Colors.....	.10	
DELPHINIUM (Hardy Larkspur.)		
Formosum. Deep blue, 3 feet.....	$\frac{1}{4}$ oz. 40c.	.10
Double Hybrids, Finest Mixed. 3 feet..		
.....	$\frac{1}{8}$ oz. 40c.	.10
DIANTHUS (Hardy Garden Pinks.)		
Double Clove. A hardy perennial pink, very fragrant, choice colors.....	$\frac{1}{8}$ oz. 30c.	.10
Plumarius (Grass Pink, or Pheasant-eye Pink.) A single hardy Pink with fringed-edged, fragrant flowers, mixed colors		
.....	$\frac{1}{8}$ oz. 30c.	.10
FORGET-ME-NOT		
		
FORGET-ME-NOT. (Myosotis.) Small star-like flowers borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. 4 to 9 inches.		
Indigo Blue. Large, dark blue flowers.		
.....	$\frac{1}{8}$ oz. 25c.	.10
Victoria. Large flowers, bright azure blue; dwarf habit; fine for borders.....	$\frac{1}{8}$ oz. 35c.	.10
Fine Mixed.....	$\frac{1}{8}$ oz. 25c.	.10
FOXGLOVE		
		
FOXGLOVE (Digitalis.) The Foxgloves are highly ornamental plants. They are fine for the mixed border or planted singly in half-shady places near a walk or drive. The spikes of flowers are often two feet in length, containing scores of the pretty-spotted, thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden and transplant as desired.		
Mixed varieties.....	$\frac{1}{4}$ oz. 25c.	.10

PERENNIAL FLOWER SEEDS—Continued



GAILLARDIA

	Per Pkt.
FRENCH HONEYSUCKLE (<i>Hedysarum</i> .) Very handsome, free-flowering plants; well adapted for borders or rock-work. 4 feet.	
Scarlet	\$0.05

Album. White05
--------------------	-----

GAILLARDIA. Showy and hardy perennials, Flowering from July to October, 2 ft.	
Grandiflora <i>Hybrida</i> . Finest Mixed. $\frac{1}{4}$ oz. 30c.	.10

GYPSOPHILA. (Baby's Breath.) Free-flowering, plants, succeeding in any garden soil. Fine for bouquets.	
Paniculata. White flowers.....	$\frac{1}{4}$ oz. 25c. .10
Paniculata. Double white .....	.20

HOLLYHOCK. Plants of upright, stately growth, 5 to 8 feet high. The double varieties are the most desirable. Very effective when planted in long rows with a background of shrubbery.	
Chater's Double Red.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double Pink.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double Yellow.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double White.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double Maroon.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double Salmon.....	$\frac{1}{8}$ oz. 30c. .10
Chater's Double Mixed.....	$\frac{1}{8}$ oz. 30c. .10
Finest Mixed. Single.....	$\frac{1}{4}$ oz. 25c. .10
Allegheny. A semi-double, fringed variety.	
Finest Mixed.....	$\frac{1}{4}$ oz. 25c. .10

HONESTY (Satin Flower.) The flat, silvery seed pods are used for winter decoration. Very handsome, free-flowering. Hardy biennial. 2 feet	
	.10

	Per Pkt.
IBERIS (Perennial Candytuft.) <i>Gibraltarica Hybrida</i> . White shading to lilac <i>Sempervirens</i> . Pure white; excellent for cemeteries, rockeries, etc.; 1 foot.....	.10 .15
KUDZU VINE or Jack-and-the-Bean Stalk . A fast growing hardy perennial vine, growing 8 to 10 feet the first year from seed. The foliage is large; it bears clusters of pea-shaped flowers.....	$\frac{1}{4}$ oz. 25c. .10
LAVENDULA <i>vera</i> . (Sweet Lavender) grown chiefly for lasting fragrance of its flowers.	$\frac{1}{4}$ oz. 25c. .10
LINUM (Flax) <i>Perenne</i> . Bright blue flowers, hardy. 2 ft.	.10
LUPINUS (<i>Lupin</i> .) Beautiful hardy plants for borders, beds and for cutting, 3 ft.	
Polyphyllus Blue.....	.10
Polyphyllus Roseus. Pink.....	.10
Polyphyllus White.....	.10
Polyphyllus Mixed.....	Oz. 40c. .10
PHLOX (<i>Decussata</i> .) Hardy plants producing large heads of showy flowers, 3 ft.	
Finest Mixed.....	.10
POPPY (<i>Papaver</i> .) <i>Oriente</i> . One of the most striking and showy of the garden perennials; flowers large brilliant crimson with a black blotch on each petal.....	$\frac{1}{8}$ oz. 25c. .10
Iceland. Brilliant colors. Blooms first year from seed.....	$\frac{1}{8}$ oz. 15c. .05
POLYANTHUS (<i>Primula Elatior</i> .) Early spring free-flowering plants, fine for either pot or outdoor culture; 9 inches.	
Fine Mixed.....	.10
RUDBECKIA (Cone-Flower.) Robust-growing plants, very popular for border decoration. <i>Newmanii</i> . golden yellow with black center.	
	.10
SWEET WILLIAM An old-fashioned plant, producing large heads of beautifully colored, sweet-scented flowers. It is hardy and easily grown. 1 $\frac{1}{2}$ feet.	
SWEET WILLIAM	
Holborn Glory. Large flowers of the most beautiful shades.....	$\frac{1}{4}$ oz. 25c. .10
Pink Beauty. Rose pink.....	$\frac{1}{4}$ oz. 25c. .10
Double Varieties. Mixed.....	$\frac{1}{4}$ oz. 30c. .10
Finest Single Mixed.....	$\frac{1}{4}$ oz. 30c. .10
SWEET ROCKET . Very fragrant, growing freely in ordinary soils, 2 ft.	
Mixed. Purple and white.....	.05
VIOLET . Fragrant, spring-blooming plants.	
The Czar. Large dark blue.....	.10



SWEET WILLIAM

Holborn Glory. Large flowers of the most beautiful shades.....	$\frac{1}{4}$ oz. 25c. .10
Pink Beauty. Rose pink.....	$\frac{1}{4}$ oz. 25c. .10
Double Varieties. Mixed.....	$\frac{1}{4}$ oz. 30c. .10
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The Czar. Large dark blue.....	.10

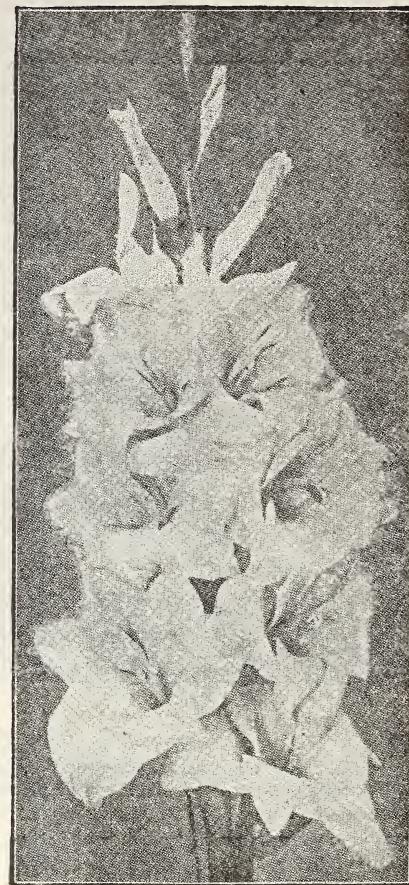
"A. S. & L." FIRST SIZE GLADIOLUS BULBS

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower. They will grow in any good garden soil. Plant 6 inches apart and 4 to 6 inches deep.

Six of a kind at dozen rates, 50 at 100 rates. Dozen and 100 prices Post Paid.

Each Doz. Per 100

America. The color is a beautiful flesh pink; very large flowers.....	.05	.50	\$3.50
Baron Hulot. Rich, deep, indigo blue. ....	.15	1.50	9.50
Blue Jay. Blue lavender, splashed with white.....	.25	2.50	15.00
Chicago White. Pure White with lavender markings in throat. Very early. ....	.10	1.00	5.50
Crimson Glow. A perfect scarlet of a deep tone, flowers of immense size. ....	.20	2.00	11.50
Empress of India. Deep velvety maroon. ....	.15	1.50	8.50
Evelyn Kirtland. Dark rosy pink shading to shell pink on edges, brilliant scarlet blotch.....	.15	1.50	8.50
Gretchen Zang. Soft shade of pink, blending into scarlet, blossoms large. ....	.15	1.50	7.50
Golden West. Brilliant orange with golden yellow blotches on lower petals. ....	.10	1.00	6.00
Halley. Delicate salmon pink, very early. ....	.10	1.00	4.25
Herada. Blooms of large size, color is pure mauve, on tall straight spikes. ....	.15	1.50	9.50
Le Marechal Foch. Beautiful shade of light pink, very large flowers, early. ....	.10	1.00	6.00
Louise. The lavender queen of the Gladioli. Velvety maroon blotch toward the center. Large flowers of good form. ....	.20	2.00	12.50
Mrs. Francis King. Beautiful vermilion scarlet. ....	.05	.50	3.00
Mrs. Frank Pendleton, Jr. Bright salmon-pink, very large flowers...	.10	1.00	6.00
Mrs. Watt. Deep brilliant wine color.	.10	1.00	7.00
Wilbrink. Lovely flesh-pink with creamy blotch on lower petals, very beautiful. ....	.10	1.00	6.00



Each Doz. Per 100

Panama. A deeper pink than America, long strong spike with large open flower.....	.10	1.00	5.50
Prince of Wales. Light salmon with orange shade, very early.....	.10	1.00	7.50
Schwaben. Clear sulphur-yellow with small brown spot in the throat.....	.10	1.00	6.00
War. A magnificent variety of rich ox-blood red, shaded with darkest crimson. ....	.15	1.50	8.50
"A. S. & L." Mixture. First size bulbs. ....	.50		3.00

DAHLIAS

Each year our business is increasing in Dahlia Bulbs as their beauty becomes more generally recognized.

The varieties we offer include the best of the Standard kinds, as well as the new introductions. Bulbs ready about the middle of May.

PLANT DEPARTMENT

PLANTS BY EXPRESS. We use great care in the packing of plants to be sent by express, but cannot be responsible for delays or conditions when received by the purchaser. No plants sent C. O. D. Shipped by express only, except where noted.

Vegetable Plants

ASPARAGUS ROOTS

We offer strong two year old Roots grown from selected seed in the following varieties. (See description of seed.)

Conover's Colossal, 100 roots, \$1.50, post paid \$1.75.

Palmetto, 100 roots \$1.50, post paid \$1.75.

Washington, 100 roots, \$2.00, post paid \$2.25.

Special quotations by the thousand.

CELERY PLANTS

100	1000
Golden Self-Blanching (Early).....	\$1.00 \$7.50
Boston Market (Late).....	1.00 7.50

PEPPER

doz.	100
Large Bell	\$0.25 \$1.50
Pimento .....	.25 1.50

Rhubarb Roots. Each, 15c.... 1.50 10.00

CABBAGE PLANTS

Doz. 100

Early Variety

Copenhagen Market \$1.15 \$1.00

Late Variety

Danish Ball Head..... .50

TOMATO PLANTS

We have been especially successful the past years with our Box Grown tomato plants. Our grower has always given us sturdy, hardy plants and we have taken particular pride in offering them to our customers.

Varieties

John Baer, Earliana, Ponderosa, Early Detroit, Abbott's Early Red, Dwarf Stone, Bonny Best, Yellow Plum..... .50 doz.

CAULIFLOWER PLANTS

Snowball (Early Variety) \$0.25 \$1.50
Danish Giant (Late Variety)25 1.50



CHINESE CINNAMON VINES

(*Dioscorea Batatas*)

CINNAMON VINES are the most desirable, easiest grown climbers. They are perfectly hardy, thriving on all soils, in sun or shade. They will run thirty feet or more, and will quickly surround your windows and cover your porches, walks, etc., with a mass of vines covered with pretty, heart-shaped leaves and a profusion of delicate, sweet scented flowers, which perfume the air for a long distance. 10c. each, \$1.00 per doz., \$6.00 per 100 postpaid.

DUTCH BULBS FOR FALL PLANTING

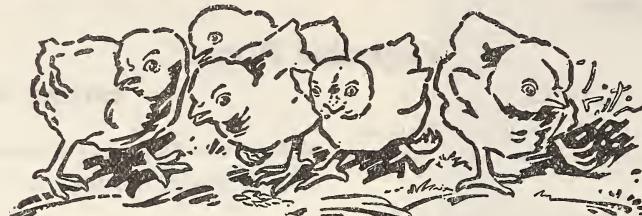
We import direct from our grower in Holland.

Our special Bulb Catalogue of Tulips, Hyacinths, Narcissus, Crocus, Lilies, etc., we issue September 1st. This catalogue we gladly mail to those interested. Send full name and address that we may send you a copy.

Special prices quoted on large orders to be packed separately at the grower's and shipped with our general consignment. These orders must be in our hands by July 1st.

POULTRY DEPARTMENT

Everything for the Modern Hen House



FEED THIS FOR EIGHT WEEKS Raise Every Chick You Hatch →

A Ready Prepared Mash for baby chicks and all self-feeding young fowls. This remarkable feed—originated by Conkey and prepared through processes controlled and used exclusively by Conkey is a complete ration—containing all the elements needed for safely starting baby chicks, ducklings, goslings, poult, guineas, pheasants, etc.

This superior chick mash was the *first* commercial poultry feed containing buttermilk—that is why we call it the only ORIGINAL buttermilk starting feed.



GUARANTEED ANALYSIS

Crude Protein, 12%; Crude Fibre, 4%; Crude Fat, 3%; Nitrogen Free Extract, 56%; Carbohydrates, 60%.

Ingredients

Semi-Solid Buttermilk, pinhead oatmeal, a special wheat middlings, whole corn meal, corn feed meal and granulated bone.

COMPLETE RATION FOR FIRST 8 WEEKS

Conkey's is all the chicks need the first eight weeks except greens, charcoal, grit, clean water and some fine scratch grains in the litter for exercise. Give grit and water from the start. During the second week add green stuff and in the fourth week finely cracked chick grains.

ORDER ONE POUND AND A HALF FOR EACH CHICK

CONKEY REMEDIES

Conkey's Roup Remedy

When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious. Better still, always at the first sign of "roupy weather," place Conkey's Roup Remedy in fountains—it's a great preventive.

Packages, 30c., 60c., \$1.20. All postpaid.

Conkey's White Diarrhea Remedy

Once you have used this old reliable preparation, you will never be without it.

Packages, 30c., 60c., \$1.20, all postpaid.

Conkey's Conditioner

Packages, 30c. and 60c. postpaid.

Conkey's Candles

15c. each, \$1.25 per doz. postpaid.



Conkey's Roup Pills

For treating individual cases and for use at shows when birds develop colds. These pills have saved many a valuable bird.

Packages, 30c., 60c. postpaid.

Conkey's Cholera Remedy

Packages, 30c. postpaid.

Conkey's Canker and Bronchitis Remedy

Package 50c. postpaid.

Conkey's Sorehead Remedy

For dangerous, contagious sorehead or chicken pox.

Package, 30c. postpaid.

Conkey's Black Head Remedy for Turkeys

Package, 50c. postpaid.

**The Park & Pollard Co
LAY OR BUST FEEDS**

MANUFACTURED BY
**The Park & Pollard Co 46 Canal St.
BOSTON, MASS.**

POULTRY FEED SPECIALISTS

TRADE MARK

TRADE MARK

**SEMI-SOLID BUTTERMILK
for**

POULTRY, SWINE AND CALVES

BUTTERMILK FOR POULTRY means healthier and stronger chicks, quicker growth, less mortality, cheaper growth, better pullets, stronger breeding stock, better hatches, more eggs.

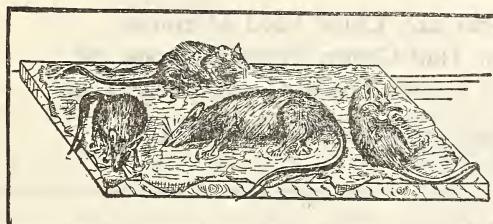
SEMI-SOLID
BUTTERMILK
INSURES

VIGOR
IN STOCK
IN BREEDING
VITAMINES
IN RATION



Special pamphlets and prices on request.

00 HOLDZEM 00
REGISTERED TRADE MARK



A paste to put on boards or runways in path of rats.
Holds them fast.

½ lb. can, \$1.00; 1 lb., \$1.75; 2 lbs., \$3.25.

Add 6c. for postage on ½ lb. and 1 lb. sizes and 8c. for 2 lb. cans.

RAT CORN



Kill Your Rats, Mice, Gophers
and Ground Squirrels

They simply dry up.
Rat Corn is harmless to
human beings and live stock.

One pair of rats will
produce 900,000,000 rats in
five years.

The United States Government states in food alone,
rats, mice, gophers, etc., de-
stroy \$200,000,000 every
year.

Small Can, 25c. Medium Can, 50c. Large Can, \$1.00.
Price Includes Postage



Rats, Mice, Gophers and all Rodents Effectively
and Scientifically Destroyed

Price 75c bottle postpaid.



**VICTOR
RAT TRAPS**

15c. each, \$1.50 per
doz. postpaid.

**VICTOR
MOUSE TRAP**

Price 35c. doz. postpaid



THE SUCCESSFUL POULTRYMAN "FIGHTS" THE RATS.



GRANDIN'S POULTRY FEEDS

Be sure to get the Red Flag Brand of Feeds.

Look for the Red Flag on the Bag, the trade mark of Grandin's Quality Feeds. Best by all tests!

GRANDIN'S CHICK FEED—Nothing but the best grains used in this mixture for early and strong growth of the chickens.

GRANDIN'S GROWING FEED—Begin to use Grandin's Growing Feed when chicks are two weeks old, and continue till full grown. Keep it before them all the time for best results.

GRANDIN'S SCRATCH FEED—Nothing offered the consumer excels Grandin's Scratch Feed. The Best of everything in its mixture is used in the right proportion. Accept no other.

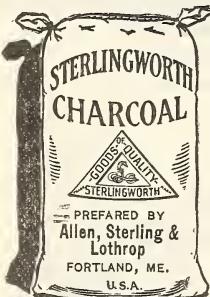
GRANDIN'S POULTRY MASH WITH BUTTERMILK—The best Mash made, containing buttermilk, sound grains, fish, meat scraps, etc. For egg production, keep the Mash before the hen all the time.



Carbola is a combined disinfectant and paint, or whitewash, that has gained the unqualified endorsement of thousands of poultrymen and farmers.

Carbola comes in powder form packed in convenient sized packages and is ready to use just as soon as it is mixed with cold or hot water.

Trial package (1 lb.) 25c. Delivered by Parcel Post 30c. (Paints and disinfects 250 square feet.) 10 lbs. (10 gals.) \$1.25, 50 lbs. (50 gals.) \$5.00. All F. O. B. Portland.



STERLINGWORTH POULTRY CHARCOAL

Charcoal aids digestion, promotes health, and is generally corrective of many poultry ills. No poultry raiser can afford to be without it.

XX (Fine Granulated) for Chicks and Chick Food Mixtures.

XXX (Medium Granulated) for Half-Grown Fowls, Pigeons, etc.

XXXX (Coarse Granulated) for Grown Fowls, Geese, Turkeys, etc.

Price: 50-lb. paper lined burlap sacks \$2.50 each.

Write for quotations for following Poultry Supplies

Oyster Shells

Poultry Grit (Coarse)

Chicken Grit (Fine)

Bone Meal

Poultry Bone

Meat Scraps

Hemp

Millet

Sunflower Seed

Tobacco Dust (in bulk)

Powdered Tobacco (in packages)

DR. HESS POULTRY AND STOCK PREPARATIONS

Prescriptions by Dr. Hess, M. D., D. V. S.

Dr. Hess Poultry Pan-a-ce-a



Makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that

counteract disease; insures a healthy, singing poultry flock. Costs but a trifle—a penny's worth enough for thirty hens per day.

1½ lbs. 25c.; 5 lbs. 75c.; 12 lbs. \$1.50;
25 lb. pail \$3.00



Dr. Hess White Diarrhea Remedy

For the prevention and treatment of White Diarrhea in chicks.

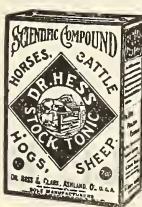
Packages, 25c., postpaid 30c.; 50c size, postpaid 55c.

Dr. Hess Stock Tonic

Formula printed on every package

Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy, and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee.

2 lbs. 25c.; 4½ lbs. 50c.; 10 lbs. \$1.00
25 lb. pail \$2.25; 100 lb. drum \$8.00



Dr. Hess Worm Powder

For horses, sheep, cattle and hogs. It is highly concentrated and is an effective vermifuge. Dr. Hess' own prescription that proved effective in his practice.

PRICE, 1½ lbs. 50c.



THE ABOVE PREPARATIONS SOLD ON A GUARANTEE OF YOUR MONEY BACK IF NOT SATISFIED. PRICES DO NOT INCLUDE POSTAGE

Dr. Hess Instant Louse Killer

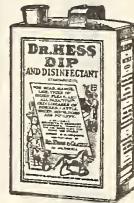
Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worm, slugs on rose bushes, etc. Sold in sifting-top cans. Look for the word "Instant" before buying.

PRICE, 1 lb. 25c., 2½ lbs 50c.

Dr. Hess Dip and Disinfectant

Non-poisonous and non-irritating, and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains.

Pt. 50c., Qt. 75c., 2 Qts. \$1.25, Gal. \$2.00



Dr. Hess Healing Powder

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds.

Comes in sifting-top cans.

PRICE, 4 oz. 25c.; 10 oz. 50c.

Dr. Hess Heave Powder

A dependable preparation for relieving horses of heaves, chronic coughs, asthma, bronchitis, etc.; with careful diet, the frequent use of this valuable preparation will afford permanent relief in the majority of cases.

PRICE, 1½ lb. package 50c.

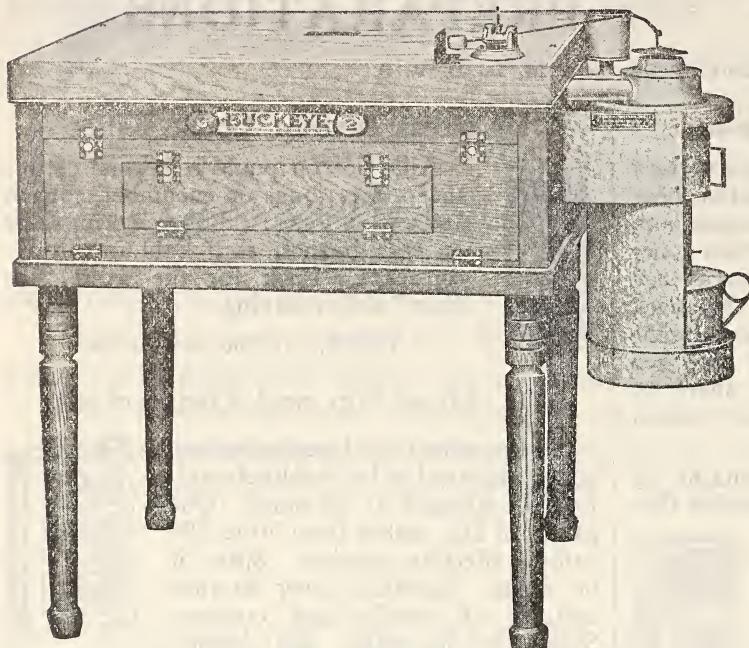


Dr. Hess Roup Remedy

For the treatment and prevention of Roup, Diphtheria and all catarrhal diseases of fowls.

Price, 4 oz. 25c., 10 oz. 50c.

BUCKEYE INCUBATORS



No. 2 (STANDARD)

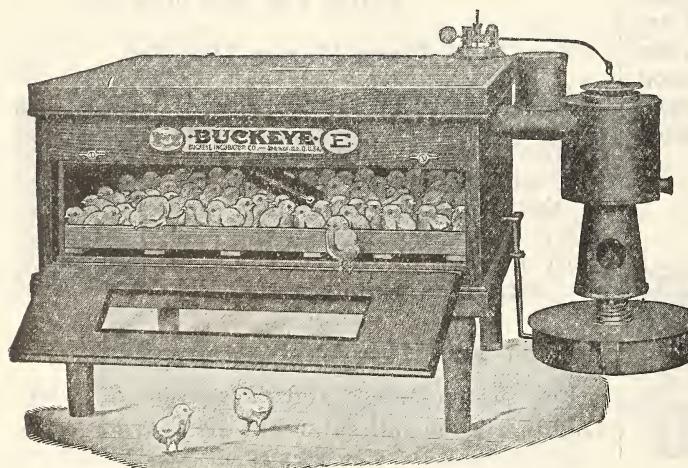
Buckeye incubators are equipped with every desirable device that can possibly add to incubator efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.

Buckeye incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.

... PRICES ...

No. 1, Standard, Capacity 120 Eggs, \$37.50
 No. 2, Standard, Capacity 175 Eggs, 44.50
 No. 3, Standard, Capacity 250 Eggs, 57.75

No. 4, Standard, Capacity 350 Eggs, 68.00
 No. 5, Standard, Capacity 600 Eggs, 107.00



No. 14 (Style E)

BUCKEYE STYLE E

A Remarkable Incubator
 At a Remarkable Price

With All the Desirable Buckeye Features.

No. 14, Capacity	65 Eggs,	\$16.50
No. 16, Capacity	110 Eggs,	27.50
No. 17, Capacity	200 Eggs,	36.75

Ask Us For Illustrated Catalogue of Buckeye Incubators.

The "Standard" Hot Water Hatching Device

Every Buckeye "Standard" Incubator bears the Underwriters' Label of Approval.

During the past 25 years over five hundred thousand Buckeye incubators have been sold.

Newtown Giant Colony Brooders

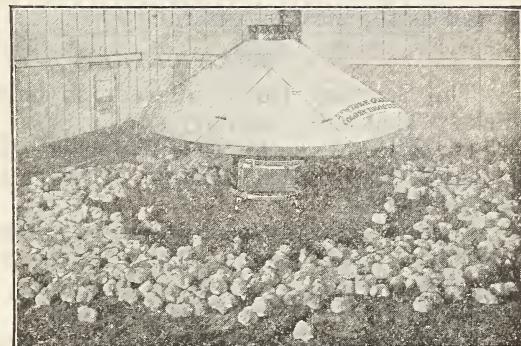
"BUILT FOR LONG-
TIME SERVICE"

RAISE the Most Chicks, the Best Chicks, With Least Labor and Lowest Cost

You should have brooders which will raise good chicks and lots of them—which are not expensive to buy—which do not demand costly buildings—which are economical of labor and fuel—which will give continuously satisfactory service for many years.

The Newtown Coal-burning Colony Brooder meets these specifications. It was the first successful brooder of the colony type offered to American poultrymen and thousands are now in use in every State of the Union and nine foreign countries.

The Newtown Colony Brooder is Coal-burning, Self-feeding, Self-regulating, freely ventilated, safe and durable. It will satisfy your most exacting demands. It is made in sizes to fit your building and for any number up to 1,200 chicks. Get the size you need, but be sure it's a genuine Newtown. There's none "just as good."

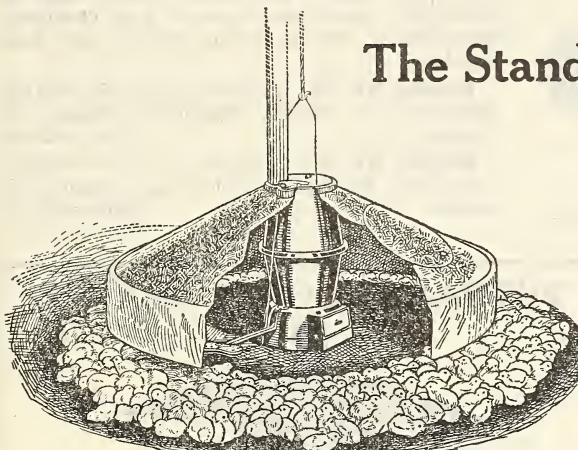


THE NEWTOWN MOTHERING THE CHICKS

PRICES

Size of Brooder Based on Floor Space Used in Coldest Weather.

No. 6 for up to 120 sq. ft.....	\$22.50
No. 7 for up to 120 sq. ft.....	25.00
No. 11 for up to 240 sq. ft.....	32.50
No. 12 for up to 400 sq. ft.....	40.00



The Standard-Buckeye Colony Brooder

THE MOST REMARKABLE
COAL BURNING
BROODER EVER INVENTED

Makes three chicks grow where one grew before; cuts the cost of equipment to less than half; cuts the cost of operation to less than half; reduces the time and labor to less than a fourth; Guaranteed to raise more chicks and better chicks.

ABSOLUTE COMFORT FOR THE CHICKS. It is a well-established fact that every chick is not entirely comfortable in the same temperature—some require a little more heat, while others require less. Under the conditions provided by the Buckeye Colony Brooder, every chick can seek the precise temperature that suits it best. If it needs plenty of warmth it moves closer to the stove, and if it requires less heat it moves farther away from the stove. They follow the natural inclinations of nature.

IT IS ECONOMICAL, as it burns but three to six cents' worth of coal in a day. In ordinary cool weather it cannot burn more than three cents' worth of coal, and with the weather below freezing it cannot burn more than six cents' worth in a day.

Prices: No. 18, 500 Chicks, \$21.50; No. 19, 1000 Chicks, \$26.50; No. 25, 1200 Chicks \$30.00

SEND TO US FOR SPECIAL BROODER CATALOGS

THE INTERNATIONAL SANITARY HOVER

This hover or brooder is known as "The One Perfect Brooding Device." For over ten years it has stood the big test of raising chicks successfully and today retains the points that have made it the most popular brooder as well as the most successful.

SPECIFICATIONS

The Sanitary Hover is made in only one size, 100 chicks. That is the sanitary size.

Diameter of the hover is 28 inches. Height of hover at center, 13½ inches. Height of hover to top of draft-pipe, 34 inches.

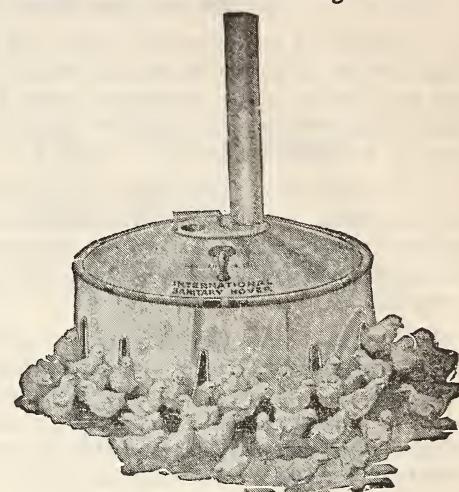
Curtain is six inches oversize to allow for shrinkage. The hover itself weighs about 16 to 18 pounds. The shipping weight is about 25 to 30 pounds.

Lamp bowl holds one quart of oil.

Every hover is furnished complete with curtain, lamp, thermometer and operating directions. It is ready to use except to put oil in the lamp fount and adjust the lamp wick to secure the desired temperature.

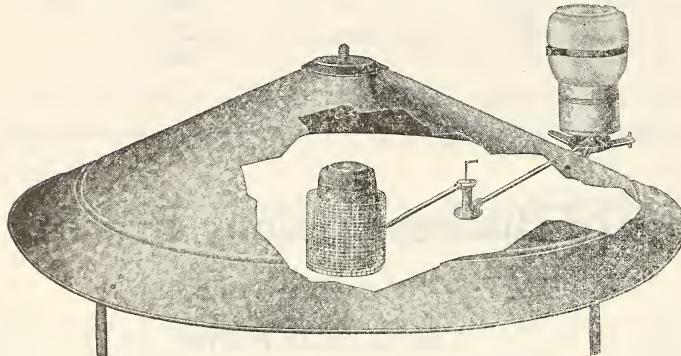
It is the one self-contained, complete brooder.

"The One Perfect Brooding Device"



PRICE \$15.00

Buckeye "Blue Flame" Brooders Fill a Long Felt Need



A portion of the Hover cut away to show the relative positions of the Burner and the Hover.

A High Power Oil-Burning Brooder that operates on the same successful principle as the world famous "Buckeye" Coal-Burning Brooder. Simple as an ordinary house lamp. No complicated levers, valves or thermostats. Equipped with a blue-flame burner that is absolutely smokeless, odorless and noiseless. Self-feeding, self-regulating, simple, safe and durable.

Brooder No. 28—Capacity up to 350 chicks. Diameter, 42 inches. Shipping weight, 50 pounds. Price, \$20.00

Brooder No. 29—Capacity up to 500 chicks. Diameter, 52 inches. Shipping weight, 60 pounds. Price, \$22.50

LITTLE PUTNAM STOVE



USES OF THE LITTLE PUTNAM STOVE

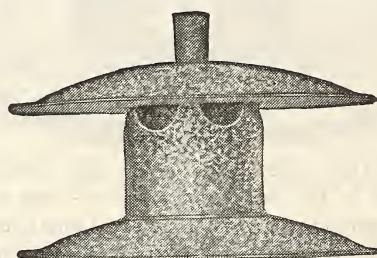
Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.

A little Putnam Stove is nine inches in diameter and four inches high. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention. The wick never needs trimming. The stove with any kind of fair usage will last a life-time.

LITTLE PUTNAM STOVE

Price \$2.50 Each Postpaid.

PUTNAM BROODER HEATER



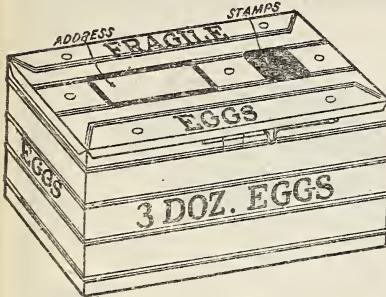
Pat'd June 13, 1916—Dec. 11, 1917

The fire-safe Putnam Brooder Heater is the heart of the Putnam Home-Made Brooder. It requires tending only once a week and can be relied upon to deliver a regular supply of heat.

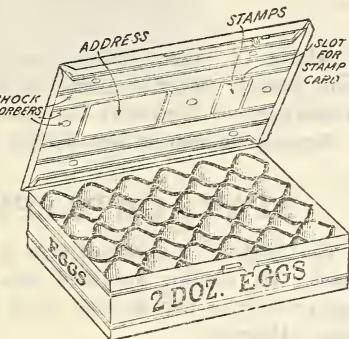
The Putnam Home-Made Brooder is not for sale. You must make it yourself. The Brooder-Heater only is sold. Every Brooder-Heater is accompanied by EASILY FOLLOWED DIRECTIONS for building the Home Made Brooder.

Price, \$4.75 each postpaid.

THE ALUMINIZED METAL EGG CRATE



Has proven itself, by its thousands of users, to be the only practical idea for shipping Eggs, Butter and other farm products by Parcel Post.



The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying Eggs by mail. Light in weight and very strong.

PRICES

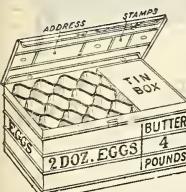
		P. P. Paid
1½ doz. size—all eggs	\$1.25	\$1.32
2 " " "	1.50	1.57
3 " " "	1.75	1.83
4 " " "	2.00	2.09
6 " " "	2.50	2.60

COMBINATION CRATES

Any size Combination Crate desired can be supplied to carry eggs with Metal Containers to hold butter, lard, sausage, honey, cut-up chicken, country sliced ham, etc. Any of these Combination Crates will be found surprisingly satisfactory. Butter, lard, and other soft products will not melt or run in warmest weather.

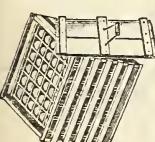
P. P. Paid

No. 1 — 2 lbs. and 1 doz. eggs	\$1.50	\$1.57
No. 2 — 4 " " 2 " " " 2.00	2.00	2.08
No. 3 — 4 " " 3 " " " 2.25	2.25	2.34



Humpty Dumpty Folding Egg Crate

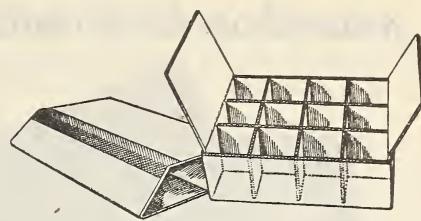
A very light, strong and convenient egg crate and carrier.



Size	Each	Per Doz.
6 Doz.	\$0.35	\$3.75
9 Doz.	.40	4.25
12 Doz.	.45	4.50

PRICES DO NOT INCLUDE PARCEL POST CHARGES UNLESS SO STATED

PARCEL POST EGG BOXES



	Each	Per Doz.
1 Doz. Size,	\$0.15	\$1.25
2 Doz. Size,	.20	2.00
3 Doz. Size,	.25	2.50
4 Doz. Size,	.30	3.25
5 Doz. Size,	.35	3.75

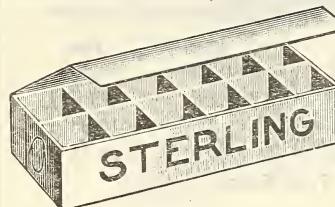
THE ANDERSON HATCHING EGG BOX



Made of corrugated paper with double faced corrugated paper partitions protecting each individual egg. Folded flat for Shipment.

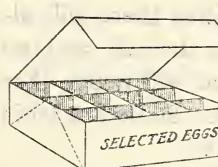
1 Setting	Each	Doz.	50 Egg Size	Each	Doz.
2 Setting	.45	4.50			

"STERLING" PAPER EGG BOXES



Per Doz.	\$0.20
" 25	.40
" 100	1.50

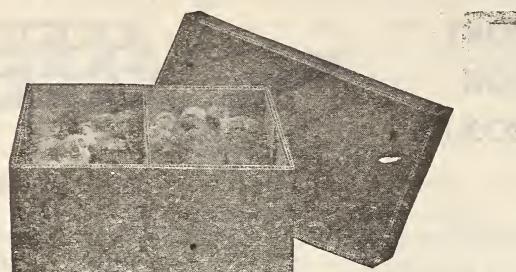
"A.S.&L. PAPER EGG BOXES"



Per Doz.	Price
" 25	.30
" 100	1.15

Clean, properly graded, well packed eggs command not only higher prices but a surer market. We have egg boxes for every need.

ANDERSON LIVE CHICK BOX



Made from best grade of corrugated paper. For shipment it is folded flat, but can be easily set up and made ready for use.

	Each	Doz.
25 Chicks.....	\$0.25	\$1.75
50 Chicks.....	.30	2.50
100 Chicks.....	.40	3.75

Parcel Post Extra.

EYRIE SHIPPING COOP

A Strong, Light Weight Coop for Shipping Fancy Fowls



The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat and cold. The top and bottom are strongly constructed of wood. They are folded flat for shipment greatly reducing freight and express charges.

	Each	Doz.
No. A Size 12x16x18 inches	\$0.70	\$6.75
" C " 12x22x22 "	.85	9.00
" D " 20x22x22 "	.90	10.25
" E " 20x24x22 "	1.10	11.75

Parcel Post Extra.

WATERPROOF SHEETING

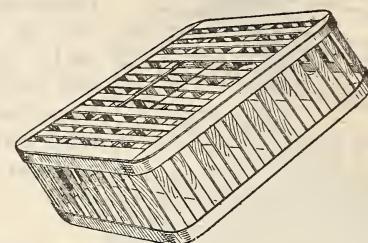
Use waterproof sheeting in the windows of your hen house in place of glass. Then there will always be a circulation of pure, dry air and no steam, as caused by glass. You will notice that the Experiment Stations use it. 36 inches wide 30c. per yard, 35c. post prepaid.

NEST EGGS

Lime (medicated), each 4c., doz. 35c. Add 8c. per doz. if wanted sent by mail.

China (or Glass) Nest Eggs, each 3c., doz. 30c. Add 8c. per doz. parcel post.

PINE TREE POULTRY SHIPPING CRATE



Made of Green Elm, then thoroughly dried. The round corners prevent injury and loss by crowding, so frequent in square cornered crates.

Dimensions 24in. x 36in. x 12in. Price, \$2.50

START OATS SPROUTING

The feeding of sprouted oats is no longer an experiment. By feeding sprouted oats through the winter, egg production can be kept up to a much larger degree than otherwise.

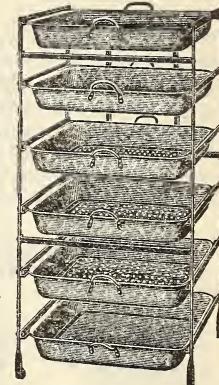
Economy Oat Sprouter

This Sprouter employs the natural process for sprouting. No heat necessary.

The Tray contains five Sprouting Pans and one Drip Pan 16x17 inches.

Made of galvanized iron—will not rust.

Price, \$7.00



Moe's Oat Sprouter

Containing six pans. Five for oats and one drip pan.

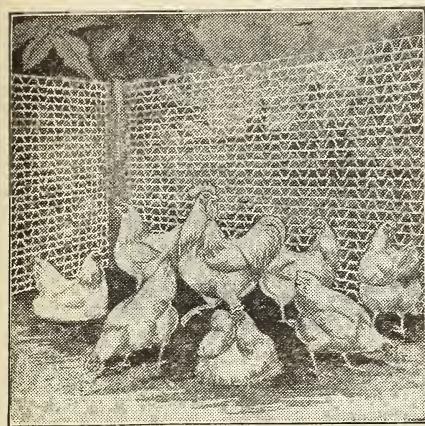
Price, \$6.00

THE COLLINS SPROUTER



A practical quick growing, perpetual, sectional, fireless Oat Sprouter. Nests in corrugated boxes 4 inches high.

5 Pans 11x15, \$3.00, Weight 9 lbs.
8 Pans 11x15, \$4.00, Weight 14 lbs.



No. 19. Wire Poultry Fence, 2-inch Mesh

12 in. high, per roll	.....	\$1.65
24 " "	.....	3.00
36 " "	.....	4.10
48 " "	.....	5.50
60 " "	.....	6.90
72 " "	.....	8.25

No. 19. Wire Chicken Fence, 1-inch Mesh

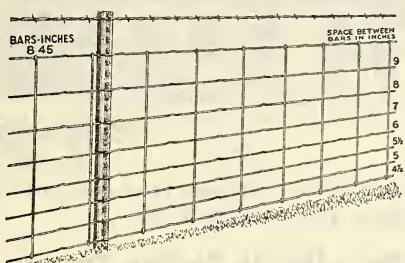
12 in. high, per roll	.....	\$3.50
18 " "	.....	5.25
24 " "	.....	6.50
36 " "	.....	8.20

Write for special price on 5 Rolls or over.

Agents for Portland

"PITTSBURGH PERFECT"

Farm and Sheep Fence



An economical and practical fence where close mesh is not required. A suitable sheep enclosure or when stretched a foot above ground, satisfactory for turning horses and cows.

Price, 5 ft. \$4.25 per roll of 10 rods.

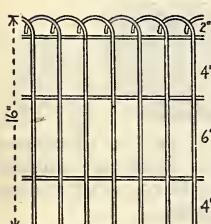
"PITTSBURGH PERFECT"

Flower Fences

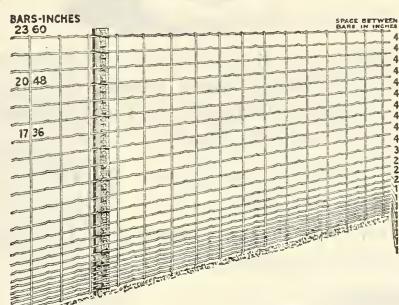
The Flower-Fence is easily put in place, simply by pushing the ends of the stiff picket wires into the ground. No stakes or posts are necessary. Each scroll wire is securely welded to the next corresponding wire. You will find many uses for this fabric for such purposes as flower bed guards, walk borders, tree guards, etc.

Prices

16 inch	.....	10c. per ft.
22 inch	.....	12c. per ft.

**"PITTSBURGH PERFECT"**

Chicken and Rabbit Fence



Observe the extremely close spacing of the lower line wires in this fence. It confines the smallest chickens, and keeps out destructive animals and vermin. It is equally effective in protecting your orchards and gardens from rabbits.

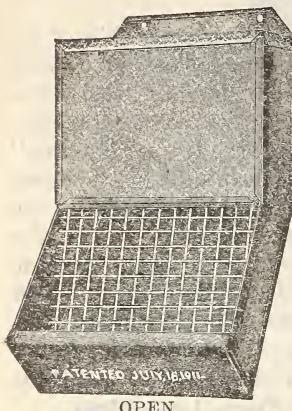
"Pittsburgh Perfect" Chicken and Rabbit Fence is a real fence, with line wires that can be stretched taut, and stay wires that support. More durable, effective and economical than netting. No top rails or bottom boards required. The electrically welded joints afford a neat, one-piece, stiff fence fabric.

Prices

4 ft.	.....	\$7.00 per roll of 10 rods
5 ft.	.....	\$8.00 per roll of 10 rods

Sexton's Dry Feed Hopper

Easy to Fill. No Waste. Rat Proof.
Dust-Proof



This Hopper is arranged to hang on the wall the desired distance from the floor, and never need be removed from the wall to be refilled. It is impossible to waste any feed, as the pan at the bottom takes any feed that may be picked out and the last crumb can be used, therefore saving any waste. The body being covered keeps feed dust-proof and clean, and is always dry. Cover may be closed at night, making it rat-proof.

Body made of galvanized iron and the grating is of round galvanized wire, preventing the Poultry from cutting their bills. Price, \$1.75. Parcel Post Paid, \$1.90.

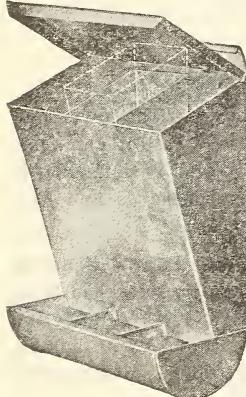
"Overall" Feeders



These feeders are made of heavy stoneware, are very strong and durable, easily cleaned and never clog, inexpensive, always accessible and at the same time the birds cannot waste the feed.

We pack carefully, but cannot guarantee against breakage. 4 qt. size, 85c.

6 quart size, \$1.00 each. 8 quart size, \$1.20 each. By parcel post add 15c. either size.



Sexton Shell and Grit Hopper

Made of Galvanized Iron, with portable partitions, so that they may be made into one, two, or three compartments as desired. Will not Clog. Price \$1.25. Parcel post paid \$1.35.

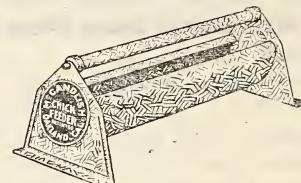
The feeders you find listed here are not just "new-fangled ideas," but are common sense helps which will increase egg production.

"CYMACO" Dry Mash Feeders Solve Feeding Problems



12 inch	\$2.25	Post paid \$2.40
24 inch	3.00	Post paid 3.25

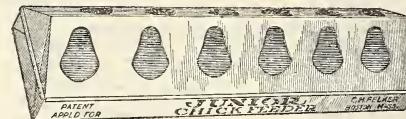
McCandlish Roller Top Chick Trough



14 inch	\$.50	Post paid \$.55
28 inch .....	.75	Post paid .80

Junior Chick Feeder

FEEDS DRY MASH
OR HARD GRAIN



FEEDS SOUR MILK
OR WATER

Made in two sizes. 12 inch, price 25c., post paid 30c. 20 inch, price 40c., post paid 45c.

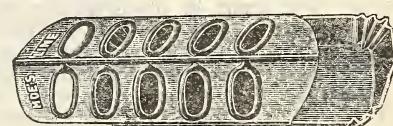
Moe's Double Feeding Troughs



Double trough, with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.

No. 59 Length 18 in.....Each \$.60 Postpaid \$.65

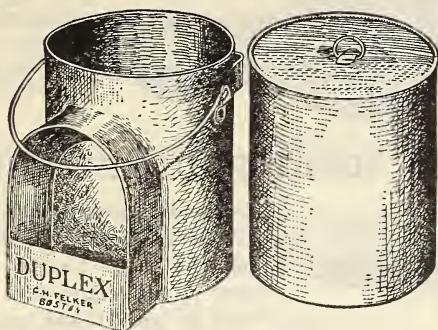
Moe's Aluminum Feeding Troughs



Excellent for feeding Buttermilk, as the aluminum is not affected by the acids of sour milk and similar feeds. The same design as shown above, with sliding top. Easy to clean and will never rust.

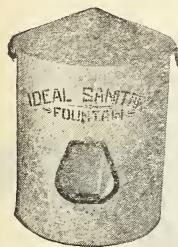
No. 69 Length 10 in.....Each \$.50 Postpaid \$.55
No. 70 " 20 " " " .90 " .95

THE DUPLEX FOUNTAIN



The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill. Easy to care for. 4-qt., \$1.15, Parcel Post, weight 3 lbs.; 8-qt., \$1.35, Parcel Post, weight 4 lbs.

IDEAL SANITARY POULTRY DRINKING FOUNTAIN



Keeps water cool in Summer and warm in Winter

The simplest, handiest and most practical fountain made. Keeps water the right temperature all the year. Has no lamps to trim and valves to get out of order. Saves time, labor, and worry and costs nothing to run.

The fountain is made of galvanized iron, and is similar in construction to the fireless cooker, being packed with a non-conducting material to retain the temperature of the water.

Size	Price
2 Gallon,	\$3.50
3 Gallon,	4.00
5 Gallon,	5.25

The Peerless Brooder Fountain



It is the ideal fountain for small chickens. Easy to fill and easy to clean.

Price, 35c.

Mailing weight, 2 lbs.

Stoneware Fountains

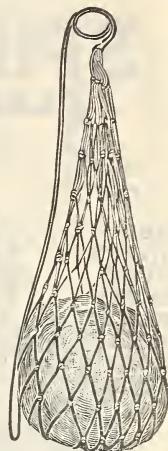


They keep the water cool, and it is impossible for chickens to get drowned. 1 qt., 40c., 2 qts., 45c., 4 qts., 55c. By Parcel Post 15c. added.

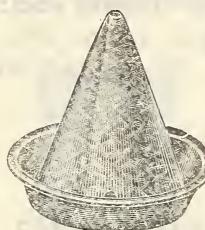
Carter's Green Food Feeder

Made of strong, soft twine. Hang in the hen house or yard for poultry feeding. Capacity, one-half bushel of cabbage, beets, clover, etc.

PRICE 40c. POSTPAID



NESCO SANITARY FOUNTAIN

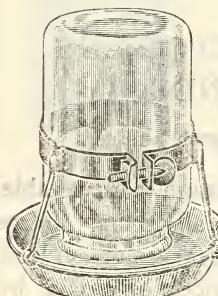


Galvanized Pan and Cone-Shaped Top. Easily Cleaned. 1 qt. 35c. By Parcel Post Prepaid, 40c.

FELKER'S HANDY ATTACHMENT

To be used with any make of Fruit Jar

A PERFECT FEEDER
For Sour Milk, Water, Hard Grain or Grit



The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar—the Handy fits them all. Price 25c each.



CUPS FOR POULTRY COOPS

These cups are made to hang inside of exhibition coops or cages and can be used for birds or small pet animals.

No. 2 holds 1 pint..... .25
\$2.50 per doz. postpaid.

Margaret Mahaney's Turkey Treatment for Black Head. Long and successfully used with a large percentage of cures. Price \$1.00 postpaid.

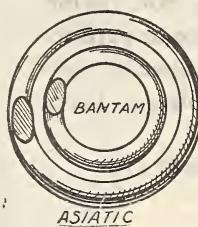
SPIR-OL

TRADE MARK

LEG BANDS



RED
WHITE
BLUE
GREEN
BLACK
PINK
RUBY
YELLOW



Made of Celluloid

Identify birds as far as you can distinguish colors. Indestructible and can be slipped on and off like a key ring. Sample free. Poultry sizes: 12 for 10c., 25 for 20c., 50 for 35c., 100 for 50c., postpaid. Baby Chick Bands: 25 for 20c., 50 for 35c., 100 for 60c., Postpaid.

Pigeon Bands—same price as chick.



FAVORITE LEG BANDS

(Double Clinch)

This is a popular aluminum leg band with RAISED FIGURES, and can be supplied in consecutive numbers as desired. It is easily attached, and, when in place, cannot be lost off in continuous wear.

Prices: Prepaid by mail, 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c.



THE VICTOR LEG BANDS

In Colors with numbers

Made in celluloid and aluminum. Adjustable. Entirely new and different from all others. Large printed numbers, bright and clear colors. Red, blue, yellow and green. Prices: Prepaid by mail: 12 for 50c., 25 for \$1.00, 50 for \$1.85, 100 for \$3.50.



CAPITAL LEG BANDS

Made of Aluminum

It is instantly adjustable to the size of the leg. It locks with a double clamp, fits the leg perfectly, and once on, stays on, until you remove it. The Figures are Raised or Embossed and are always clear and distinct. Supplied in consecutive numbers to suit purchaser.

Prices: Prepaid by mail, 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c.



PIGEON



MEDITERRANEAN

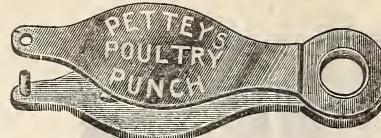


BANTAM
ASIATIC



BABY CHICK
AMERICAN

PETTEY'S POULTRY PUNCH



The best small chickmarker, and convenient to carry in the pocket. Postpaid 25c.

MOE'S IDEAL POULTRY PUNCH



A New Improved Punch. Works easily, cuts clean, and does not pinch the foot. Length 3 1/2 in. Nickel plated. Each 50c.

Sent by parcel post, prepaid.

WATER GLASS

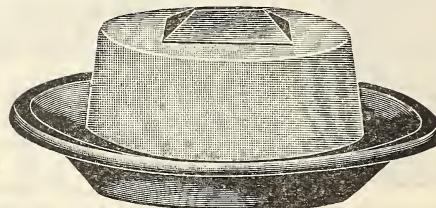


Put your eggs down in the spring and summer, when they are cheap, and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. Do not trust eggs to water glass of inferior strength. Rutland water glass is pure and strong and safely protects the eggs.

Prices: 1 pint, 18c., 1 quart 25c., gallon 90c.

Burns
Three
Hours

Sulphur Candles



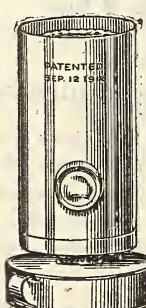
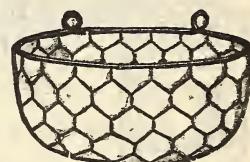
They are excellent for ridding poultry houses, dog kennels, cellars, outhouses, etc., of most insect pests and disease germs. The vapor from them penetrates crevices which cannot be reached by powders or liquids.

Price 15c. each postpaid. \$1.50 per doz. postpaid.

Wire Hen's Nest

Supported on Walls by hooking over two nails.

Each, 25c., Per doz. \$2.25



COLLINS EGG TESTER

For incubator use or for candling your eggs. To Fit Standard No. 2 Oil Burner. Price, 25c. By P. P. Prepaid, 30c.

POULTRY KILLING KNIVES

Every poultry raiser should have a killing knife. Scientific butchering means less work and a better market. Keep the axe to cut wood and learn the most up-to-date killing method from your County Agent.

Universal Poultry Killing Knife



Made of finely tempered steel.
Price 50c. each postpaid.

RUSSELL POULTRY KILLING KNIFE



5 $\frac{1}{2}$ inches long, blade 2 $\frac{1}{2}$ inches. A most practical knife for poultry dressers.

Price, 75c. each postpaid.

RUSSELL PINNERS' KNIFE

For Poultry "Tipping."

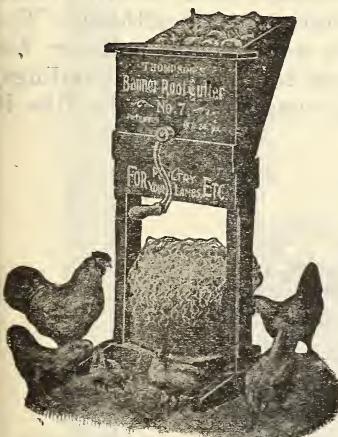


7 $\frac{1}{2}$ inches long, blade 3 inches. Scientifically designed, proportioned just right.

Price, 50c. each postpaid.

BANNER ROOT CUTTER

No. 7, Exclusively for Poultry.



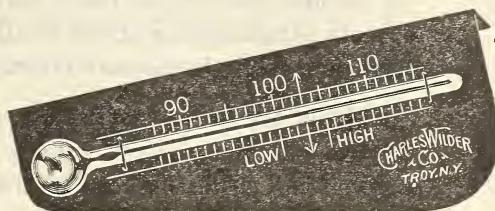
It cuts fast and is easy running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel. An iron gate in bottom of hopper lets dirt and gravel escape before reaching the knives. In this cutter we offer the poultrymen a low-priced high-grade, nicely finished and mechanically constructed machine. Two to five minutes will cut enough feed for a large flock of fowls. Price, \$7.50.



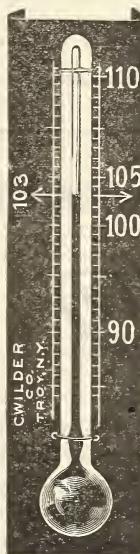
The Philadelphia Caponizing Set

Complete, with instructions.
Price \$3.00, postpaid

INCUBATOR AND BROODER THERMOMETERS



No. 1052
75c. postpaid.



No. 1046
75c. postpaid.

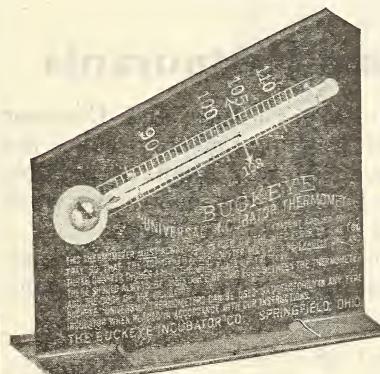


No. 1117
75c. postpaid.



For International Hover
75c. postpaid.

BUCKEYE UNIVERSAL



It will be noted that the Buckeye "Universal" thermometer is self-contained and complete within itself. There are no holders, stands or any other devices required to hold it in position and as a consequence the correct position of the thermometer will always be assured in every case. This not only applies to Buckeye Incubators, but it also applies to every other brand of incubator on the market.

Price, \$1.00 postpaid.

OUR DAIRY SUPPLY DEPARTMENT

In this department it is our endeavor to give service on all the requirements of the modern dairy.

Besides the articles listed here in our catalogue, we are now in a position to quote advantageous prices on all dairy lines including boilers, bottle washers, sterilizers, etc.—the larger equipment used in a modern dairy.

If you are in the market for anything in the dairy line, let us know about it. We will immediately give your wants prompt attention, if possible by a personal call from the head of this department.

Allen, Sterling & Lothrop.

For Dairies, Creameries, Etc.



For cleaning vats, pasteurizers, strainers, cans, pipes, separators, and other articles in your plant that have become gummy or tainted with stale odors by the use of soap, soap powder, or some similar washing compound, there is nothing that accomplishes this task so easily, and at such little expense as Wyandotte Dairyman's Cleaner and Cleanser. A daily washing of the dairy or factory equipment will keep everything sweet and clean!

Hotels and Restaurants

Wyandotte Sanitary Cleaner and Cleanser when used for dish washing not only makes the dishes cleaner and brighter than is possible where soap is used, but it also makes the work easier. The same is true in the home.

Drain pipes, sinks, refrigerators, etc., are always kept free and open when Wyandotte Sanitary Cleaner and Cleanser is used.

Barrels (bulk)	280 lbs.	PRICES ON APPLICATION
Kegs	“ 80 lbs.	
Barrels (50-5 lb. sacks)		
5 lb. sack		

Wyandotte Detergent

can be used to advantage in cases where a combined abrasive and cleaner are needed

Wyandotte Detergent is quite different in its nature from the "Wyandotte" Dairy or Sanitary Cleaner. It contains a fine, flaky grit which makes it an abrasive and scourer. It also has the freshening and sweetening properties of the other "Wyandotte" products.

For cleaning marble, tile, painted walls, and other similar surfaces, Wyandotte Detergent is unsurpassed. It scours clean, but does not scratch, mar or dull.

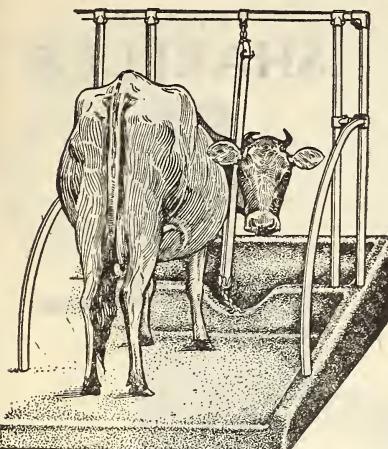
Rusty ice cream cans are easily scoured clean with Wyandotte Detergent, and although Wyandotte Detergent is not a metal polisher, for cleaning corroded iron and brass pipes, railings, dirty sinks, urinals, cuspidors and the like it has no equal.



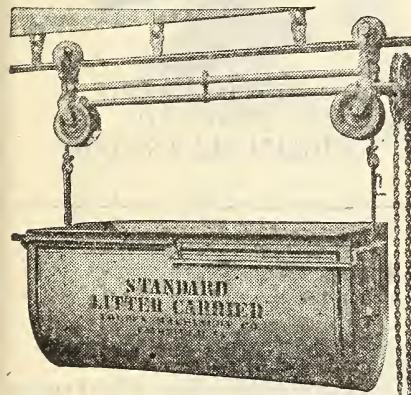
Barrels (bulk)	250 lbs.	PRICES ON APPLICATION
“	(50-5 lb. sacks)	
Kegs	(75 lbs.)	
5 lb. sacks		

LOUDEN LABOR SAVING BARN EQUIPMENT

BEST FOR THE FARMER—BEST FOR THE HERD



The Louden Steel Stall gives the cow the same comfort and freedom of movement she would have in the field.



Your time is too valuable to be spent pushing a wheelbarrow. A Louden Overhead Litter Carrier solves the problem.

We can fit up your barn complete with Louden Modern Sanitary Barn Equipment.

Louden equipment makes possible a clean, sanitary barn with a minimum of expense for upkeep.

When cows are transferred from dark insanitary shelters to light, well ventilated, well equipped barns of the Louden type the milk flow invariably increases from 10 to 25 per cent, and the labor of caring for the herd is reduced by one-third or one-half.

The cost of installing Louden equipment is surprisingly small, and it is just as great an economy for the man with half a dozen head of cows as for the man who has to care for hundreds of animals. The percentage of labor saved is the same, and in either case it is 100 per cent profitable.

We are prepared to quote you attractive price on everything for your barn. The items illustrated are only a few products of the largest and most complete line of barn equipment made. Some of these products we carry in stock; others we can secure for you promptly.

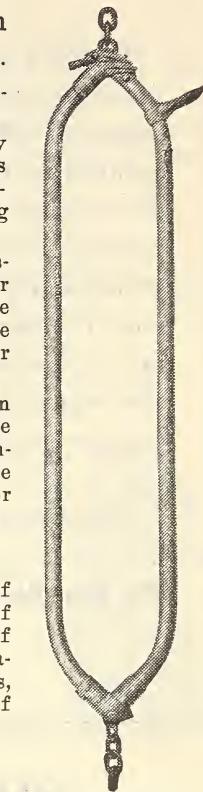
Going to Build or Remodel a Barn?

If so we shall be glad to secure for you, free of cost to yourself, a copy of Louden's \$1.00 book of barn plans. It's the most valuable collection of practical plans and dollar-saving building information ever published. Contains more than 50 plans, with complete description and estimated cost of construction.

It is yours for the asking.

See us or write us in regard to your barn problems. We shall be glad to assist you, and to quote you lowest prices on your complete equipment.

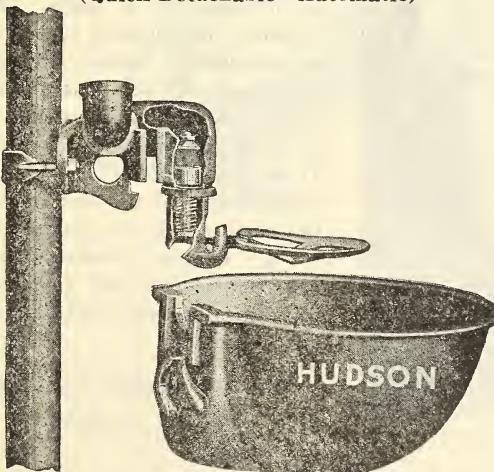
If in doubt let us show you barns we have Loudenized.



The Louden Tubular Steel Standard is the strongest, most comfortable cow tie made.

HUDSON WATER BOWL

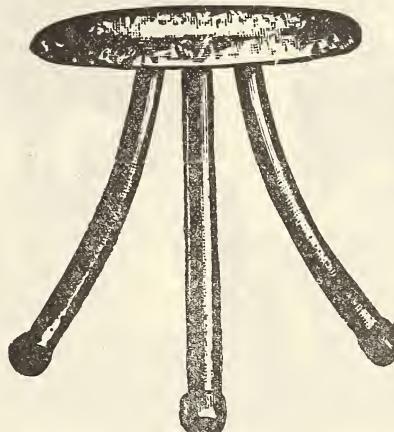
(Quick Detachable—Automatic)



THE HUDSON Q-D WATER BOWL

Price, \$3.40 each

CHESTER MILKING STOOL



The Chester All Metal Milking Stool is sanitary. The legs and top are steel. The casting that holds the legs is malleable iron, consequently it is practically indestructible. Your stable is incomplete without them.

Price, \$2.25 each

SHARPLES CREAM SEPARATORS

The New Sharples Suction-feed Separator saves 50% in cost of operation, in labor of cleaning, in oil and in repairs and it saves **ALL** the cream. The New Sharples requires no speed indicators. It skims clean and produces cream of uniform density at any speed. 28 new features never before used in cream separator construction are represented in the New Sharples Suction-feed Tubular. It is absolutely automatic in its feeding, skimming and separating functions and, even in the hands of a beginner, it cannot lose butterfat or produce uneven cream.

Handsome New Catalogue Sent Free On Request

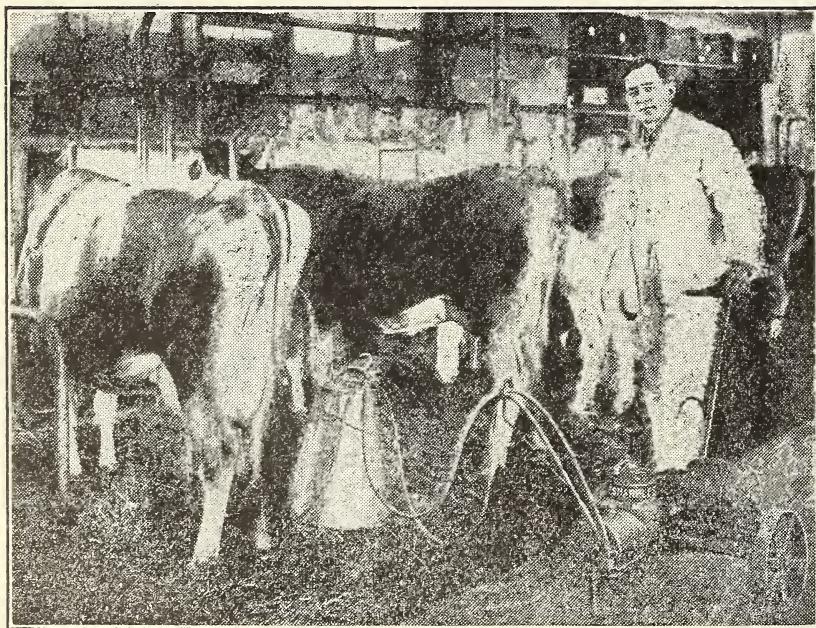
The Sharples Suction-Feed is the Only Separator That
Skims Clean at Any Speed

THE NEW
SHARPLES



SUCTION-FEED
TUBULAR
CREAM SEPARATOR

SHARPLES MECHANICAL MILKERS



Electric Moto-Milker for Small Herds

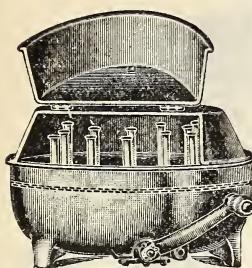
A milker for any size herd.

The Sharples Moto-Milker comes complete with its own engine (or electric motor) on wheels, ready to milk when unboxed. Enables one man alone to milk 9 cows in 30 minutes, or 18 cows in an hour or 36 cows in 2 hours. Runs smoothly and quietly—much like an automobile engine. Exhaust taken care of, also insurance. A simple, perfect machine that will give satisfaction year after year. It has the original, time-tried basic invention of the teat cup with the compressed air squeeze (patented.) Sold on reasonable terms.

A Sharples is the economical way to milk every herd, regardless of size.

We are agents for "Sharples" in this vicinity.

THE "FACILE" IMPROVED BABCOCK MILK TESTER



The "FACILE" Hand Tester is very compact, and is the most favored apparatus, in small compass, for testing milk. Price includes a full set of glass ware, comprising test bottles, pipette, acid measure; also bottle brush and bottle of test acid.

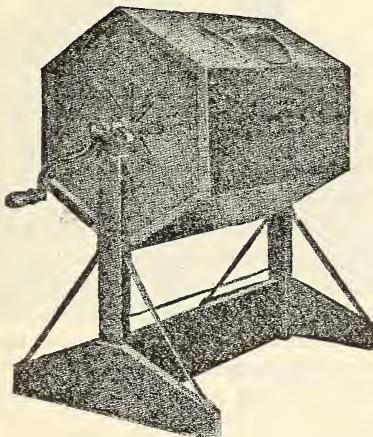
2-Bottle Machine	\$7.00
4-Bottle Machine	8.00
6-Bottle Machine	17.00
8-Bottle Machine	18.00

CYLINDER CHURNS



No. 1	3 Gallon Capacity,	\$3.75
No. 2	4 Gallon Capacity	4.50
No. 3	7 Gallon Capacity,	5.00
No. 4	10 Gallon Capacity,	5.75

THE FENNER SIX-SIDED REVOLVING CHURN



IT is the most practical, efficient, and economical churn on the market.
IT CHURNS, WASHES, SALTS, and WORKS the butter in the churn.
IT does not break the walls of the butter-fat globules.
IT is a time and labor saver.
IT takes very little power to operate.
IT is very easily cleaned because of its simplicity of construction.
IT is so built that it cannot dry out and fall to pieces.
IT is especially adapted to warm climates.
IT will last many years if properly cared for.
"Try it. You will use no other."

Send for Catalog and prices!

CHAMPION MILK COOLER AND AERATOR



Milk cooled as soon as milked makes more and better butter and cheese. Not only cools the milk, but completely aerates it, removing all offensive flavors.

Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
No. 2 18 Quarts	10 to 25 Cows	3 Milkers	\$10.00
No. 3 34 Quarts	25 to 50 Cows	5 Milkers	12.00

THE LIGHTNING BUTTER MACHINE

Makes two pounds of milk-charged butter from one pound of butter and a pint of milk.

It is unsurpassed as a general household article for making salad dressing, whipping cream, mixing light batters, and other uses which will become apparent to every housewife.

Price, each

2 qt. \$2.00; 3 qt. \$2.50 4 qt. \$3.00.



MILK SCALES

Chatillons Improved Circular Spring Balance Milk Scale. To weigh 60 lbs. sub-divided into tenths. Price \$7.25



DAIRY THERMOMETERS

Floating Dairy. Postpaid, \$1.00.
No. 952 Floating Dairy. Postpaid 50c.
Churning Dairy. Postpaid, \$1.00.
Dairy Flange. Postpaid, 75c.

FOLDING PARAFFINED BUTTER BOXES



1 Pound Size (2 Pieces), Price \$ 1.50 per 100.
 " " " 12.50 per 1000.

PARCHMENT BUTTER PAPER

For wrapping and covering butter, for layers and caps on top of tubs, jars, tumblers, etc.

Prices	Box of 1000	lb. Sheets
7 x 9 Plain	\$0.35	\$1.50
9 x 12 "	.35	2.25
7 x 9 Printed	.40	1.75
9 x 12 "	.40	2.50

Prices do not include postage.



BUTTER COLOR

Dandelion Brand helps you to get top prices.

Purely Vegetable.

Always gives satisfaction.

Small size, 4 oz., 35c.

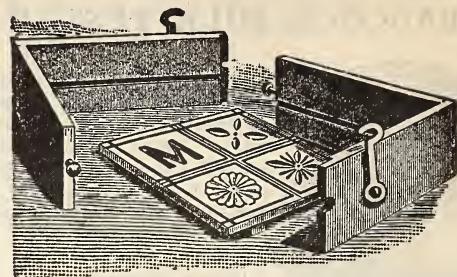
Medium size, 10 oz., 65c.

Large size, 24 oz., \$1.00.

SEND TO US FOR

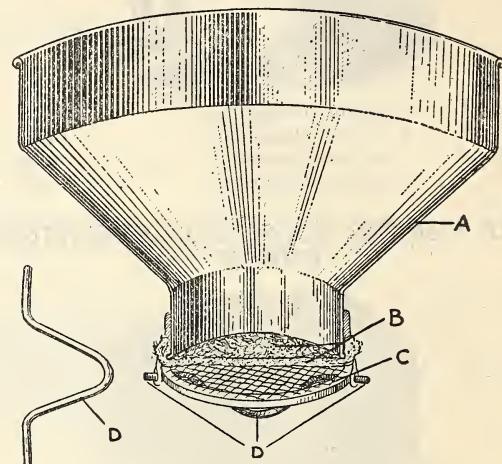
Each	Each
Butter Ladles, \$0.25	Acid Measures, .25
Butter Spades, .15	Test Bottles, .40
Milk Pipettes, .40	

BLANCHARD BUTTER MOULDS



Prices	parcel post
1/2 Pound, (2-1/4 lb.) Prints, .75	\$0.80
1 Pound, (4-1/4 lb.) Prints, .85	.91
2 Pound, (8-1/4 lb.) Prints, 1.25	1.31
Initial Engraved, 25 cents extra for each cake.	

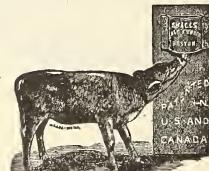
DR. CLARK PURITY MILK STRAINER



The Dr. Clark "Purity Milk Strainer" is a practical strainer, simple, durable, a positive remover of all dirt and sediment in milk. In one instance the Bacteria count was reduced from 562,000 to 7,500. This is but one of the many instances. Remove the dirt and you remove the Bacteria. Dairymen using "Purity" strainers produce a high grade of milk and find a ready sale for it.

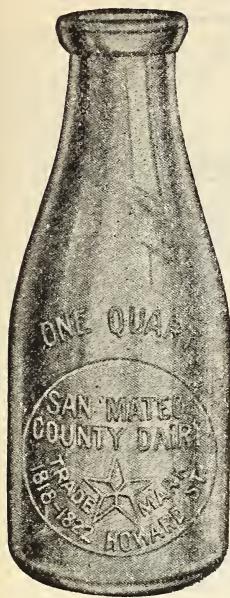
Write for circular and price.

SMALL'S CALF FEEDER



Price \$4.00
Extra Nipples, 50c.

We Specialize in Supplies for the Milk Dealer



MILK BOTTLES

In any quantity. Plain or marked.

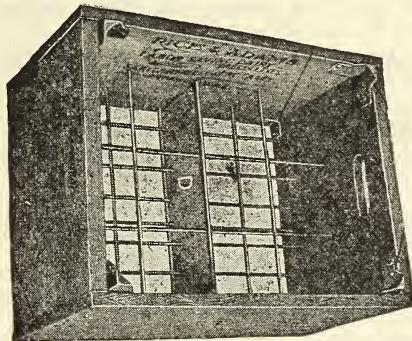
Write us for quotations.

STATE AGENTS
for
"SEALRIGHT" BOTTLE CAPS
SEALRIGHT ORDINARY OR COMMON
MILK BOTTLE CAPS



Sealright Ordinary or Common Milk Bottle Caps can be the biggest little things in your business! Because they win customers, keep them, build good will, and through their inherent ability to give better service, build added business.

RICE AND ADAMS Bottle Cases



Fair price cases that stand the gaff!

Five years service is not unusual with R & A Cases—they're made to last; and to the dairy owner who inwardly groans when his men slam the cases around, the ruggedness of R & A Cases is even more important than their unmistakably fair price. Ninety-nine per cent of the lumber used in R & A Cases is OAK. The balance is Maple or Beech.

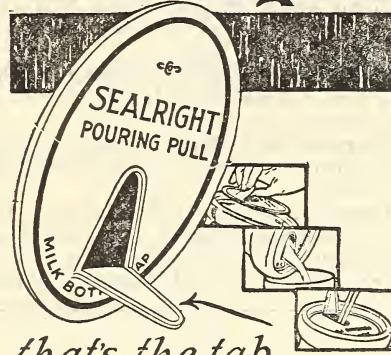
All of the lumber used is Southern grown and Southern dried HARD WOOD which has been specially selected for our use.

That's why hundreds of experienced dairy owners use R & A Cases and no other.

Prices in any quantity quoted on application.

SEALRIGHT POURING-PULL MILK BOTTLE CAPS

Sealright



The Sealright Pouring-Pull Milk Bottle Cap represents a marked step forward in the capping of bottled milk. This cap has all the advantages of the ordinary or common sense cap, in addition to which it possesses the following distinctive features which have made it nationally known as "3 times more useful:"

- 1—It can be removed cleanly just by pulling the tab.
- 2—The tab can be lifted without removing the cap and the milk poured without spilling or exposure.
- 3—The tab can be lifted and a straw inserted for drinking milk in schools, restaurants and at home.

Let us quote you by the thousand, by the carton, by the box, the bbl. or by the million on Sealright caps.

DAIRY BRUSHES



No. 86 and No. 73



No. 61



No. 82



No. 125



No. 33 and No. 35



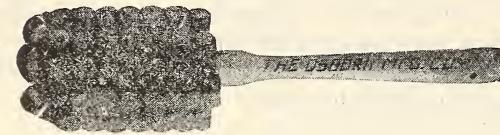
No. 6



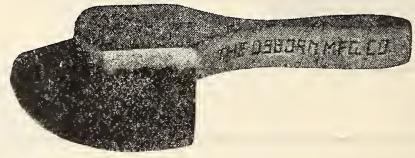
No. 89 and No. 412



No. 104



No. 47



No. 416

Write for our prices on Brushes.

No. 86. Hand Bottle Brush. Pure Bristle, small size, handle $\frac{1}{2}$ inch diameter, 10 inches long.

No. 73. Hand Bottle Brush. Pure Bristle, large size, handle $\frac{1}{2}$ inch diameter, 10 inches long.

No. 82. Hand Bottle Brush. Extra Stiff Grey Hair, brush part 3 inches diameter, handle $\frac{5}{8}$ inch diameter, 10 inches long.

No. 33. Sharples Bowl Brush. Palmetto Fibre, brush part 2 inches diameter, 3 inches long, length over all 18 inches.

No. 35. Sharples Bowl Brush. Palmetto Fibre, brush part $2\frac{3}{8}$ inches diameter, 4 inches long, length over all 24 inches.

No. 89. Hand Can Brush. Grey Tampico, brush part 5 inches diameter, 5 inches long, length of handle 24 inches, length over all 29 inches.

No. 412. Same as 89. Brush Palmetto Fibre.

No. 47. Bowl Brush. Black Tampico, brush part $3\frac{1}{4}$ inches diameter, $5\frac{1}{2}$ inches long, length over all $13\frac{5}{8}$ inches.

No. 61. Hand Bottle Brush. Black China Bristle, brush part $3\frac{1}{4}$ inches wide, $2\frac{1}{4}$ inches thick, handle 10 inches long.

No. 125. Machine Bottle Brush. Paint Stump Bristle brush part 3 inches diameter, handle 5 inches long, tapered to $\frac{1}{2}$ inch diameter at end.

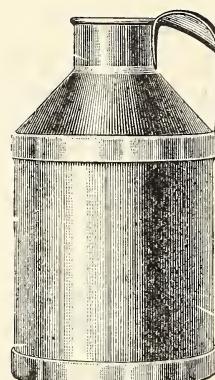
No. 6. Sharples Feed Tube Brush. Grey Russia Bristle, brush part $\frac{5}{8}$ inch diameter, 2 inches long.

No. 104. Separator Tube Brush. Black China Bristle, brush part $\frac{1}{4}$ inch diameter, 2 inches long, length over all $6\frac{1}{4}$ inches.

No. 416. Can Brush. Stiff Palmetto Fibre, brush part 5 inches wide, 4 inches long, length over all 10 inches.

MILK BOTTLE CARRIERS

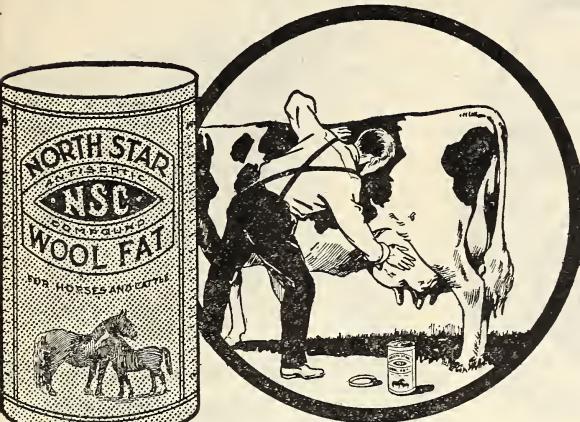
4	Bottle (Quarts)	round wire	\$1.00
6	"	"	1.25
8	"	"	1.50
6	"	flat wire	1.50
8	"	"	2.00



MILK CANS

We can quote satisfactory prices on any style in any quantity.

North Star Wool Fat (Antiseptic Compound)



This natural skin-fat quickly heals scratched or chapped teats and relieves feverish or caked udders. Dairymen find that cows require less time to milk and "give down" more freely when their udders and teats are kept smooth, healthy and pliable by the frequent application of North Star Wool Fat.

Horse owners can prevent loss of valuable time during the busy season by the judicious use of North Star Wool Fat.

Price: 8 oz. can 50c., 18 oz. can \$1.00.

BAG BALM

For bunches, cuts, caked bag, sore teats, chapping, and inflammation.

Price, 65c. per can

71c. postpaid



GRANGE GARGET CURE

Cures garget without in any way injuring the cow or lessening the flow of milk.

Price, 65c. per can

71c. postpaid



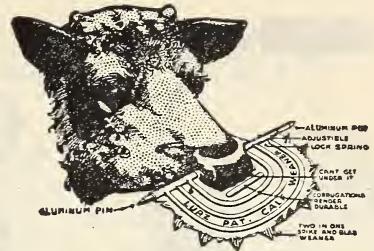
KOW-KARE

(Old name "Kow-Kure")
For Cows Only

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk.

Price, 60c. and \$1.20

By parcel post 66c. and \$1.28

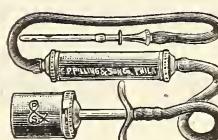


The Lurz Calf Weaner

Simple to Fasten, Easy to Remove,
Most Efficient and Humane.
Price 50c. postpaid.

THE PILLING MILK FEVER OUTFIT

For Air Treatment



This treatment recommended by the Bureau of Animal Industry, United States Government, Department of Agriculture.

Price \$3.50 postpaid.

MILKING TUBES

For Sore and Obstructed Teats and
Hard Milking Cows



Price Postpaid, 25c.

STERILAC

The Best Available
DEODORIZER and DISINFECTANT
Non-Poisonous — Odorless
for the
Dairy, Creamery, Home

Sterilac is the most powerful, non-poisonous, odorless deodorizer and sterilizing agent you can use. Sixteen ounces of the concentrated Sterilac Powder is sufficient to make four hundred and eighty gallons of sterilizing solution for ordinary use.

Sterilac for the Dairy

Sterilac is the best available deodorizer and sterilizer for milking machines, milk cans, milk bottles, separators, cooling vats, pans, earthenware and all dairy utensils. In connection with thorough cleansing it keeps the bacteria count down to the lowest point.

Prices

1-ounce bottle	\$0.50
2½-ounce bottle	1.00
10-ounce bottle	3.50



Cream Pails

Ventilated Covers, retinned
20-qt., Price, \$2.25

Atlantic Strainer
Dairy Pail

Price
12 quart \$1.75
14 quart \$2.00



Dairy and Water Pail

10 Quart, Price, \$0.90
12 Quart, Price, \$1.00

THE HORNE VERTICAL CAN STRAINER

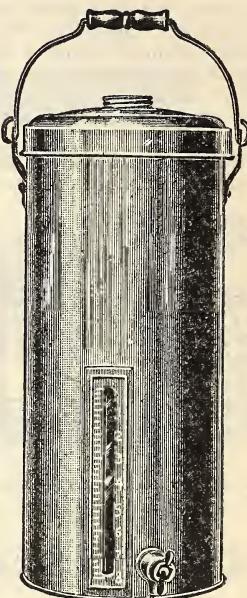


Is warranted to filter milk free from the slightest trace of sediment as fast as poured.

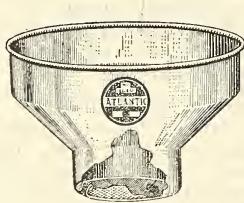
Made of heavy charcoal tin, all inside joints thoroughly soldered and no angles for accumulation of filth.

Price of strainer complete, \$3.00.

Price of filtering flannels, each, 25c.

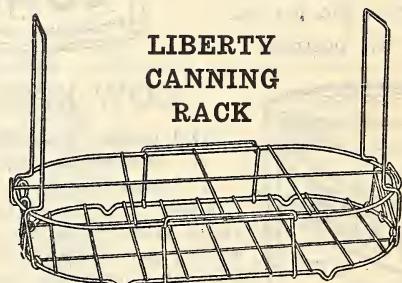
No. 430 Cream Pail
20 quart, Price, \$3.25ATLANTIC EXTRA HEAVY RETINNED
SEAMLESS MILK STRAINER

(Removable Strainers)



Fitted with Spring Lock, one 14-Gauge Aluminum Disc, $\frac{1}{16}$ " perforations. One Brass Strainer Cloth Disc, 80-Mesh.

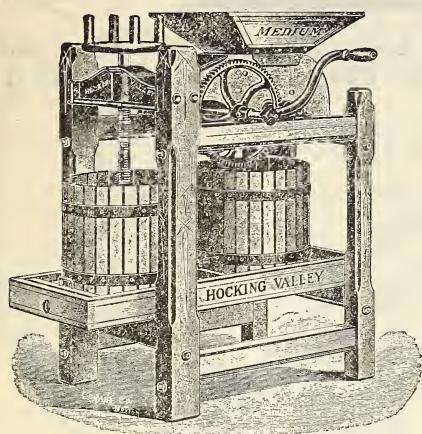
No. 1010—12-qt. 4X \$2.00 each

LIBERTY
CANNING
RACK

The Liberty Canning Rack fits a No. 8 boiler, which is the smallest boiler ordinarily used, and will be found a great help in putting the jars in and taking them out of the boiler. The partitioned top prevents the jars from striking together, and eliminates the danger of breaking.

Price, 50c.

HOCKING VALLEY CIDER MILLS



The device for grinding the fruit is the same as is used on the large hydraulic presses, and makes a pomace that yields under the press every particle of juice in the fruit.

An important feature of the mills is the absence of metal of any kind to rust or impair the quality of the cider.

A quart of water will clean it after using.

They are made in the three following sizes:

Senior	Size of Tubs, 13½ in. high, 15½ diam.
Medium	" " " 12 in. high, 12½ diam.
Junior	" " " 10½ in. high, 10 diam.

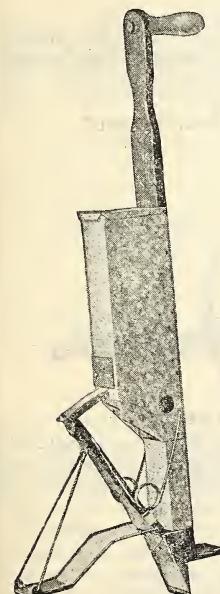
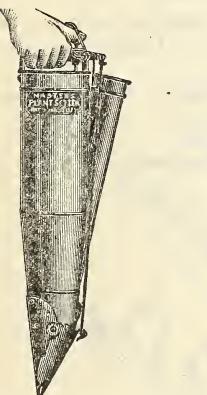
Write For Prices.

Here is a REAL LABOR SAVER for every Farmer and Gardener

MASTERS RAPID PLANT SETTER

for transplanting tomatoes, cabbage, strawberries, cauliflower, peppers, asters, and all similar plants.

Each plant is SET, WATERED, and COVERED in one operation. This little machine positively eliminates all of the hard, tedious labor, does perfect work. Is more than three times as fast as hand setting. It is strongly built, and will last for years. Shipping weight 7 lbs., price \$6.25 each.



The Eclipse Rotary Corn Planter

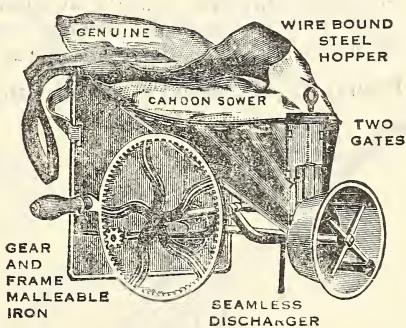
Eclipses all others; has positive feed.

Four changes of discs. Eclipse is the easiest operating planter on the market.

Price, \$2.50

Cahoon Seed Sower

For Sowing Wheat, Barley, Oats, Buckwheat, Grass Seed, etc.



Sows from four to eight acres per hour at a common walking gait, throwing out wheat a distance of 40 feet wide.

Parcel post, weight 9 lbs. Price \$5.00.



Planet Jr. Garden Tools

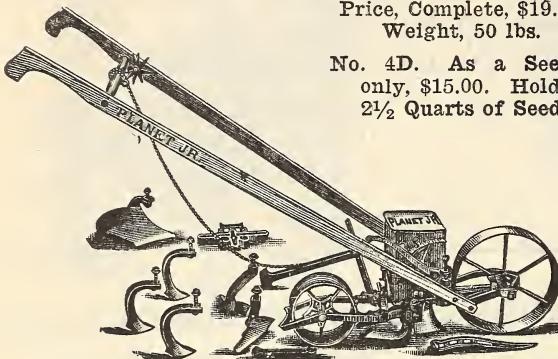


The "Planet Jr." Catalogue is the best and most instructive book ever issued on "Farm and Garden Tools and Their Use". Full of points that bring profit. Full of true and instructive illustrations. We mail it free to any address on application.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$19.00
Weight, 50 lbs.

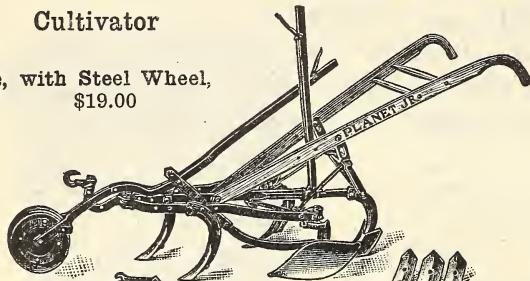
No. 4D. As a Seeder
only, \$15.00. Holds
2½ Quarts of Seed



For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

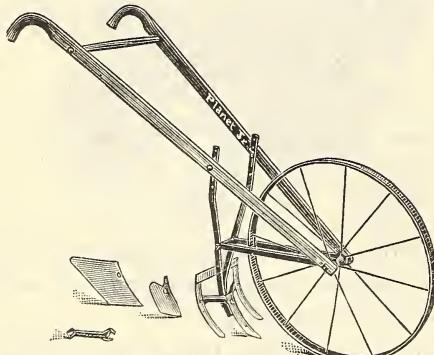
Price, with Steel Wheel,
\$19.00



Equipment: Four 3x8-in. plates, one 4x8-in. plate, two 6-in. side hoes, one 7-in. shovel, level wheel, lever expander. Depth regulator.

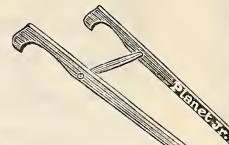
This is a general favorite. Easily understood and operated. The tool is especially strong; braced to make a stiff, unyielding tool intended for long service.

No. 119 Planet Jr. Garden Plow and Cultivator



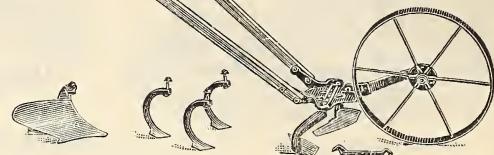
The wheel is 24 inches in diameter with a rim 1½ inches wide, insuring easy running in the lightest soil.

Price complete, \$5.25



No. 17 Planet Jr. Single Wheel Hoe

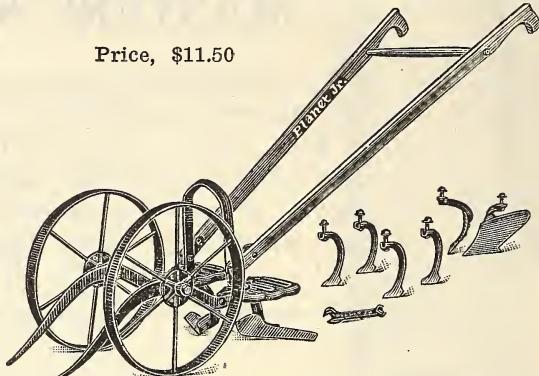
Price, \$8.00



The No. 17 has a pair of 6-inch hoes, a plow and a set of 3 cultivator teeth, as illustrated above.

No. 12 Planet Jr. Double and Single Wheel Hoe

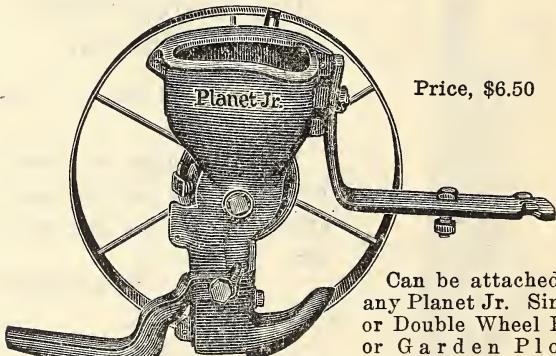
Price, \$11.50



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels.

No. 35 Planet Jr. Seeder Attachment

Price, \$6.50



Can be attached to any Planet Jr. Single or Double Wheel Hoe or Garden Plow. Plants in a straight continuous row, at uniform depth, quicker than by hand and infinitely better. Holds one pint. Can be used for planting even a small packet of seed. Has a handle-bracket and can be used independently of the wheel hoe. Handle extra 75 cents.

Everyone having a small kitchen garden should have this handy seeder.

The Hudson "Perfection" Sprayer

HIGH PRESSURE

For potato spraying, whitewashing and general use there is no Sprayer the equal of the Hudson Perfection.

Pump has seamless brass tubing, $1\frac{1}{4}$ " diameter, 15" long.

Tank made boiler fashion, of galvanized steel or brass, $7\frac{1}{2}$ x 20". Capacity four gallons.

Spray Equipment—Perfection fog nozzle with automatic shutoff, 2 feet of $\frac{3}{8}$ " spray hose.

Galvanized Steel Tank, 4 Gal. Price each, \$6.00.

Brass Tank, 4 Gal. Price each, \$8.50.



The Hudson "Junior" Sprayer

Similar to the "Perfection" but smaller capacity.

The Junior Sprayer is made for the man who needs a medium sized high pressure Compressed Air Sprayer. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction.

Tank— $6\frac{1}{2}$ " diameter, 17" long; capacity about $2\frac{1}{2}$ gallons. Made of rust resisting copper bearing galvanized sheet. Tested under actual working conditions at the factory.

Pump— $1\frac{3}{4}$ " diameter, $15\frac{1}{2}$ " long; attaches to tank by a friction lock operated by a quarter turn of the "D" handle. Develops high pressure with minimum effort.

Price, \$4.50.

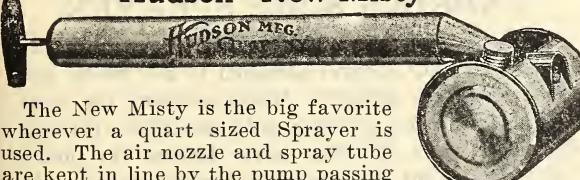
Hudson Continuous Sprayer



The Continuous Sprayer is a necessity for a great many purposes because it delivers a finely divided atomized mist continuously. It will handle any solution which does not contain sediment and will operate in any position. Straight and angle spray tips enable it to cover upper or under surfaces with equal ease. All working parts are brass with syphon tube and check valve removable.

Price, \$1.25.

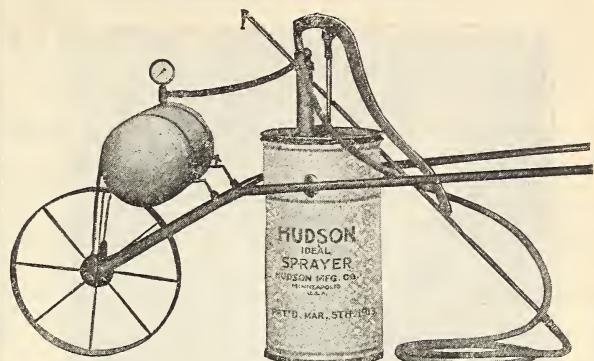
Hudson "New Misty"



The New Misty is the big favorite wherever a quart sized Sprayer is used. The air nozzle and spray tube are kept in line by the pump passing through the top of the can, which adds greatly to the strength. The entire pump and tank is of high grade tin.

Price, 50c.

Hudson Ideal Sprayer



The Hudson Ideal is a high pressure portable outfit. Equipped with a regular barrel pump which develops an actual working pressure of 200 pounds, and a reserve air pressure tank. This enables the operator to maintain a high, even pressure with less effort, or even stop pumping and spray for several minutes before the pressure drops too low. One man can operate it alone.

Tank—15-gallon capacity, heavy copper-bearing galvanized steel or select brass sheet.

Wheel—20 inches diameter, 3-inch tire, strong and rigid.

Frame—Heavy steel tubing reinforced with channel iron braces.

Pump—A regular full size barrel pump.

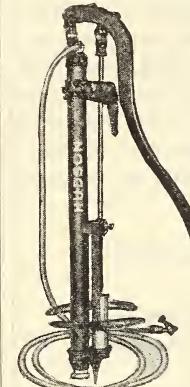
Pressure Tank—Boiler iron with all seams welded.

Discharge Equipment— $12\frac{1}{2}$ feet $\frac{1}{2}$ -inch spray hose, a 4-foot $\frac{1}{4}$ iron extension, Ideal angle nozzle and leakless shut-off.

Shipping weight, securely crated—110 pounds.

Price, \$33.00.

Hudson Barrel Spray Pump



This pump will meet all requirements of a perpendicular barrel pump. It is powerful, light and durable, and will maintain a working pressure of 200 pounds. Has ample capacity for two lines of hose if desired. Because of its high pressure, it is particularly adapted to orchard and vineyard work; also white-washing, cold water paints, disinfectants, etc.

Price, \$12.50.

Hudson "Midget" Junior

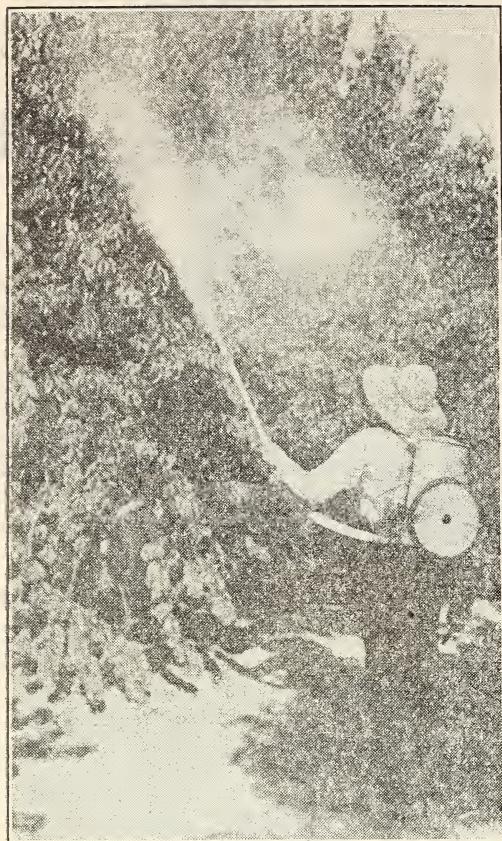


A small Sprayer for house use. Will handle disinfectants, bug poisons, etc., etc. Made of heavy tin. Holds one pint.

Price, 35c.

AMERICAN BEAUTY DUSTER

For Orchard, Field and Garden Work

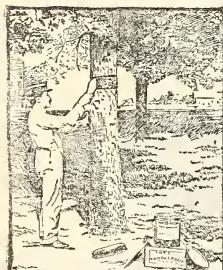


Dusting 20 Acres Per Day With the American Beauty Duster.

THE AMERICAN BEAUTY DUSTER is a one man machine. It is small in size and cost; big in operation. It is easily operated; has a large powerful bellows; and is capable of accomplishing an enormous amount of work. It is, in truth, a "Little Giant." Filled and brought into action in less than five minutes; always dependable, and always available at critical times.

Price, \$25.00.

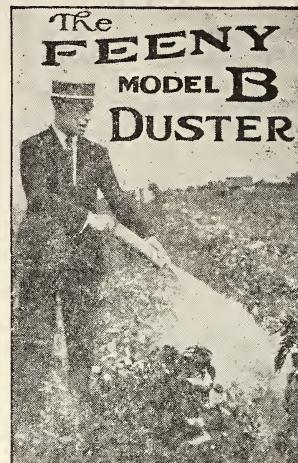
Send for circular giving full description of duster.

TREE TANGLEFOOT

Tree Tanglefoot

A sticky compound for painting around the trunks of trees, in the form of a band, the most effective and economical protection against crawling insects. Caterpillars and other crawling pests cannot get over it.

1 lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.25.



No other duster has the patented piston packing features of the Model B Duster. These features allow of the greatest moving volume of air and the greatest force with the least possible mechanical friction, insuring the easiest operation. With the Model B, the slightest movement forward of the piston, produces a dust cloud of the highest type. This is due to the perfect compression which is accomplished in no other dusting device.

Price, \$1.00.

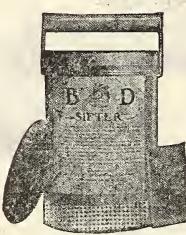
Post Paid, \$1.10

Dickey Bug Death Duster

For use in applying BUG DEATH, DRY to small flower or vegetable gardens.

Price, 45c.

Postpaid, 50c.

The B. D. Bug Death Sifter

The B. D. Sifter is the latest hand device for applying BUG DEATH.

Easy to operate and gives quick covering to all plants and vines requiring a top application.

Price, 65c., Postpaid, 75c.

BARRIE'S SOAP SPRAYER

Made of brass and nickel plated. Soap is placed in the bowl, the sprayer attached to the faucet and the hose to the sprayer. Water entering the bowl agitates the soap, giving a mild insecticide through the hose, while spraying, never injures the plants and is excellent for destroying green fly, etc., in greenhouse and garden. Mailing weight 2 pounds.

\$6.00 Each.

INSECTICIDES AND FUNGICIDES

“CORONA DRY”

(Arsenate of Lead)

For Applications with Water on Fruit Trees, Potatoes, etc.

It has been demonstrated by large and practical usage that “Corona Dry” is the most successful Arsenate of Lead that has ever been produced.

It is the result of an extended period of investigation and research to obtain a powdered product superior to the old paste material and other dry Arsenates of Lead that are now on the market.

It gives an even application, covers more thoroughly and sticks to the foliage longer. It mixes easily and readily in water.

One pound of “Corona Dry” will do the work of three pounds of paste and do it better.

There is no sediment, no lumps left over in the bottom, no waste. It will never clog the spray nozzle. $\frac{1}{2}$ lb. pkg. 25c., 1 lb. pkg. 35c., 5 lb. pkg. \$1.35, 25 lb. pkg. \$5.50.

CORONA CHEMICAL COMPANY

ARSENATE of LEAD

SPRAYING and DUSTING MATERIALS

ARSENATE OF LEAD PASTE

One pound makes about 12 gallons ready to apply.
1 lb. 40c.

“LION BRAND” BORDEAUX MIXTURE—POWDERED

For Blight, Mildew, Rust, Etc. It has all the advantages of paste with double the strength. Dilute 1 pound to 6 gallons of water.

1 lb. 40c., 5 lbs. \$1.75.

PARIS GREEN

A poisonous powder For Leaf-eating Insects. Use four to six ounces to fifty gallons of water. Or two teaspoonfuls to one gallon of water.

$\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 35c., 1 lb. 65c.

“LION BRAND” LIME SULPHUR SOLUTION

For Dormant Spraying of Fruit and Shade Trees. Also for summer spraying of fruits for all forms of scale insects and for Apple Scab, Strawberry and Asparagus Rust. One gallon makes about 9 gallons for a dormant spray and about 40 gallons for summer spraying. Write for price.

KEY BRAND TREE WOUND PAINT

PREVENTS DECAY AFTER PRUNING. This residuum, penetrating antiseptic paint is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding.

1 qt. cans \$1.25, 1 gal. cans \$2.50



—the cheapest spray for the dormant and delayed dormant applications. Particularly effective against San Jose Scale, the worst enemy of American fruit. Equally effective against all other scale insects, Peach Leaf Curl, and many other pests.

Niagara Soluble Sulphur Compound is a dry powder produced from sulphur and soda ash by a patented process. It is an improvement over liquid lime-sulphur. It is not a dry lime-sulphur, but a much superior product with greater insecticidal and fungicidal values in less bulk.

Of Niagara Soluble Sulphur Compound only 12½ pounds is needed in 50 gallons of water to get effective results.

Prices

1 lb. metal drums.....	\$.35
5 " " "	1.00
10 " " "	1.75
25 " " "	3.50
50 " " "	6.00
100 " " "	10.00

SCALECIDE THE COMPLETE DORMANT SPRAY

It keeps trees clean and healthy, and effectively takes care of the leaf roller, bud moth, case bearer, San Jose scale, and all kinds of scale. Write for special catalogue.

Qt. 60c., gal. \$1.45, 5 gals. \$6.25, 10 gals. \$11.00, 30 gals. \$26.00, 50 gals. \$38.00.

INSECTICIDES AND FUNGICIDES—Continued



Bug Death Alpha (formerly called Aphis). For sucking insects, lice, aphis, flea beetles, and fungus, this preparation is offered. There is no place where it can work injury. Specially recommended for the health of all house plants, as it is absolutely free from all forms of arsenic. 12 oz. pkg. 20c., 10 lb. pkg. \$1.25, 80 lb. drums \$8.50, 150 pound drums \$16.00.



Pat. March 16 and Nov. 9, 1897

Bug Death. A non-poisonous powder. Destroys potato, squash, and cucumber bugs, currant and tomato worms; safe to handle. Contains no Paris Green or Arsenic. Apply dry or in water. 1-lb. package 20c., 3-lb. package 45c., 5-lb. package 65c., 12½-lb. package \$1.25, 100-lb. keg \$8.50.

FORMALDEHYDE—(Liquid)

For destroying the germs that affect animal and plant life; also as a preventive for potato scab. Dilute one pound in forty gallons of water.

1 lb. bottle, 50c.



PYROX

(Bowker's)

Kills all leaf-eating insects, destroys fungus growth, blight and rot. Use it on fruits and vegetables, particularly apples, potatoes and tomatoes.

Sticks to foliage; rains do not wash it off. All ready to use by adding water.

Prices

1 lb. Jar	\$.50
5 lb. Drum	1.75
10 lb. "	3.00
25 lb. "	6.25
50 lb. "	11.25
100 lb. "	18.00

COPPER SULPHATE

For Making Home-Made Bordeaux Mixture for Fungicide Purposes. It contains over 99% pure copper which gives a strong and fresh mixture when properly made. It is the kind of material that is only safe to use when a dependable home-made product is desired. The extra cost is so slight when compared with the additional satisfaction of knowing crops are protected in the best possible manner that particular users will buy it every time. Write for price.

“BLACK LEAF 40”

A concentrated nicotine solution. Highly recommended by spraying experts for destroying aphis, thrips, etc., without injury to foliage. Soluble in water; no clogging of nozzles.

Spraying directions on each package.

1 oz bottle 35 cts., $\frac{1}{2}$ -lb.
can \$1.25, 2-lb. can \$3.50,
10-lb. can \$13.50.

Nico-Fume (Liquid)

Used as a spray or as a vapor. Does not stain nor injure blooms. $\frac{1}{4}$ lb. can 75c., 1 lb. can \$2.35, 4 lb. can \$8.50, 8 lb. can \$16.50.

“Lion Brand” Powdered White Hellebore

Safe to use when fruit or vegetables are nearly ripe. Used largely for cabbage and currant worms, can be used as a powder or dissolved.

$\frac{1}{4}$ lb. pkg. 25c., $\frac{1}{2}$ lb. pkg. 35c., 1 lb. pkg. 65c.

INSECTICIDES AND FUNGICIDES—Continued

FISH OIL SOAP WITH TOBACCO

Kills most lice and sucking insects on trees, shrubs, plants, vines and rose bushes.

A Fish Oil Soap, the killing values of which are increased by the addition of tobacco and tobacco extractive matter. One pound makes 2 to 5 gallons of spray. Prices: 1 lb. box 35c., mailing weight 2 lbs.; 5 lb. box \$1.35, mailing weight 6 lbs.; 10 lb. box, \$2.40, mailing weight 11 lbs.

"Lion Brand" Tobacco Dust

For dusting green and black aphis, fleas, etc. 1 lb. box 20c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$6.00.

MELROSINE

The general contact insecticide that kills rosebugs and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use.

One pint will make three gallons of spray solution.

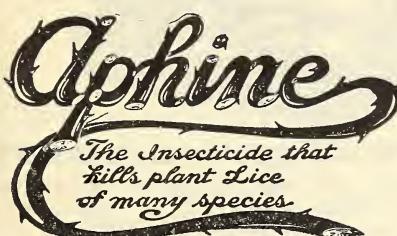
Pint, \$1.00; quart, \$1.75; 1/2 gal. \$3.25; gal. \$6.00.



Dolge Liquid Weed Killer

Destroys Weeds in Paths, Roads and Gutters. Kills roots as well as tops of all weed and grass growths. Easier and less expensive than hoeing and digging by hand. Very effective in walks and cobbled gutters without injury to roadbed. Dilute 1 part Weed Killer to 40 parts of water and apply with sprinkling can or cart.

1 qt. can, 75c., 1 gal. can, \$2.00, 5 gal. can, \$6.50.



Full directions for use on each can. 1/4 pt. can 25c., 1/2 pt. 40c., 1 pt. 65c., 1 qt. \$1.00, 1 gallon \$3.00.

HALL'S NICOTINE FUMIGATOR



An efficient insecticide prepared especially for fumigating greenhouses. Destroys plant lice and similar soft bodied insects.

2 1/2 lb. cans \$2.50 each.

STERLINGWORTH KEROSENE EMULSION



It kills the green plant louse, scale and most soft bodied and sucking insects. Prices: 1 pt. cans 35c. each, mailing weight 2 lbs.; 1 qt. cans 50c. each, mailing weight 4 lbs.; 1 gallon cans \$1.25 each, mailing weight 11 lbs.

STERLINGWORTH ANT-I-CIDE



A powder for use against ants in lawns and gardens.

One pound covers about 200 square feet. Prices: 1 lb. box 30c., parcel post weight 2 lbs.; 5 lb. tin \$1.25, parcel post weight 6 lbs.

TOXOL

A non-poisonous and non-explosive liquid. Kills Flies, Mosquitoes, Lice, Spiders, Water Bugs and other insects. Prices: pint can, 65c.; quart can, \$1.10; half gal. can, \$1.95; gallon can, \$3.50.

LA-LO ANIMAL SPRAY

Endorsed by many leading Agricultural Colleges and Dairymen.

LA-LO ANIMAL SPRAY IS INVISIBLE, even on white cattle. Has a mild, pleasant odor. Will not gum the hair. Will not irritate or blister. Will not taint milk—even if used freely at milking time. Assists in keeping cows free from flies and mosquitoes in summer and lice in winter. 1 Gal. Can \$1.75.

PRICES SUBJECT TO MARKET CHANGES

AGENTS FOR
LISTER'S STANDARD FERTILIZERS
 A FERTILIZER FOR EVERY CROP AND DIFFERENT SOIL REQUIREMENTS

BRANDS

GUARANTEED ANALYSIS

	Ammonia	Ava. P. A.	Potash
Lister's Universal Phosphate	1	8	2
Lister's Success	2	8	2
Lister's Corn & Potato	2	8	3
Lister's Eastern Pride	3	8	4
Lister's 4—8—4	4	8	4
Lister's Potato Manure	4	8	7
Lister's 10% Potato Grower	4	6	10
Lister's Grass & Lawn Top Dressing	6	6	4
Lister's High Grade Potato Fertilizer ...	5	8	7
Lister's 5—7—10	5	7	10

Write for Fertilizer quotations.

Sheep's Head Brand**Pulverized Sheep Manure**

For the lawn there is nothing better than sheep manure, and its convenience makes it the logical fertilizer.

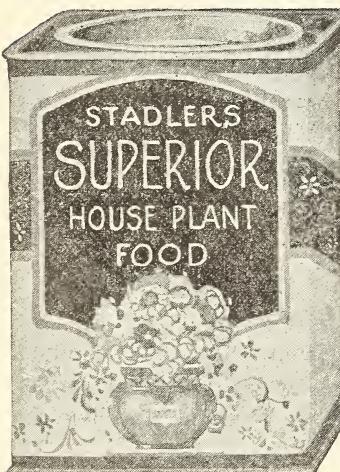
Sheep manure is probably more largely used in greenhouse growing of flowers and vegetables for market than any other fertilizer, because it is safe, can be relied upon for quick,

sure results. It is unequalled for either dry or liquid top-dressing, especially for carnations, chrysanthemums, asters and other hardy floral crops.

5 lbs. 35c., 10 lbs. 50c., 50 lbs. \$1.75, 100 lbs. \$3.25.

SUPERIOR HOUSE PLANT FOOD

Is a scientific, correctly balanced plant food, water soluble and odorless, and absolutely guaranteed.



Put a tablespoon of Superior Plant Food in the watering pot every time you sprinkle your garden, or a teaspoonful in the pitcher when you water your house plants—and then watch results! You will be amazed at the new glow of health and rich beauty your plants will show almost at once. Ask for sample.

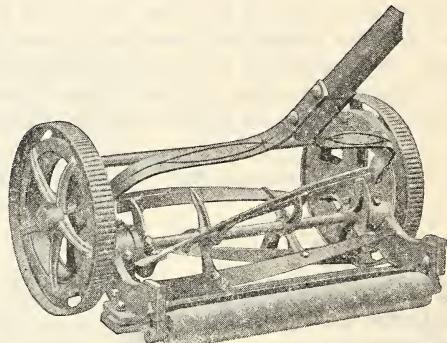
3 oz. can \$.25
 7 oz. can50
 1 lb. can 1.00

Write for prices on

**AGRICULTURAL LIME
 ACID PHOSPHATE
 NITRATE OF SODA
 PURE GROUND BONE**

POTTING SOIL

Rich black loam prepared for potting plants.
 Prices: $\frac{1}{2}$ pk. 20c., pk. 35c., $\frac{1}{2}$ bu. 60c., bu. \$1.00.

A. S. & L. HAND LAWN MOWERS**A. S. & L. "SPRINGFIELD" BALL BEARING**

Wheels 10 inches—6" Reel, 5 Knives. Knives of highest quality crucible steel and self sharpening. One of the best mowers obtainable at any price.

16 in. cut Price \$15.00

A. S. & L. "TECUMSEH"

Wheels 9 inches—5" Reel, 4 Knives. Knives of crucible steel—self sharpening. A high grade, easy running mower at a moderate price.

16 in. cut Price \$12.00

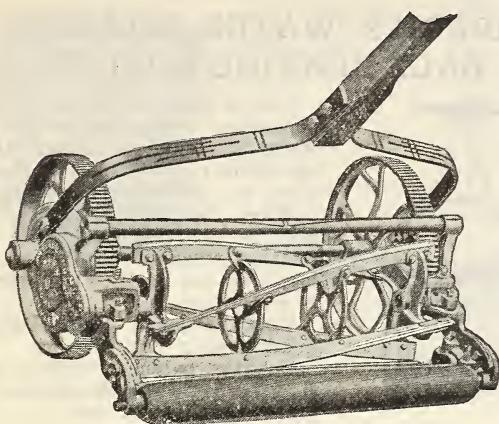
A. S. & L. "SHAWNEE"

Wheels 8" diameter—4 knives, reel bearings self aligning and adjustable.

A thoroughly reliable, easy running, general purpose lawn mower.

16 in. cut Price \$10.50

PHILADELPHIA LAWN MOWERS



GENUINE "PHILADELPHIA" STYLE A

All Steel. Cylinder with 4 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6½ inches. Train of 3 Gears on one side. Double Ratchet.

Prices—17 inch, \$24.00, 19 inch, \$27.00.

GENUINE "PHILADELPHIA" STYLE K

Cylinder with 5 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6½ inches. Single Pinion. Geared both sides.

Prices—16 inch, \$20.00, 18 inch, \$22.00.

GENUINE "PHILADELPHIA" STYLE DEWEY

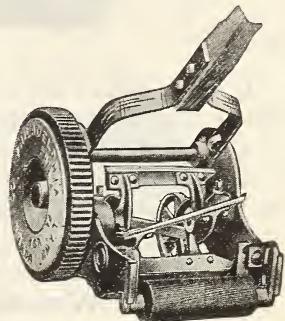
Cylinder with 4 blades. Driving Wheel, 8 inches. Diameter of Cylinder, 5½ inches. Single Pinion. Geared both sides.

Prices, 12 inch, \$10.00, 16 inch, \$11.00, 18 inch, \$11.50.

GENUINE "PHILADELPHIA" LAWN TRIMMER

Cylinder with 4 blades. Driving Wheel, 8 inches. Single Pinion. Cuts within $\frac{1}{4}$ inch of Edge. Diameter of Cylinder, 5½ inches.

Price, \$9.00



"FINE LAWNS KEPT FINE"

IDEAL Power Lawn Mowers

"THERE'S AN IDEAL MOWER
FOR EVERY NEED"



IDEAL JUNIOR 22 INCH

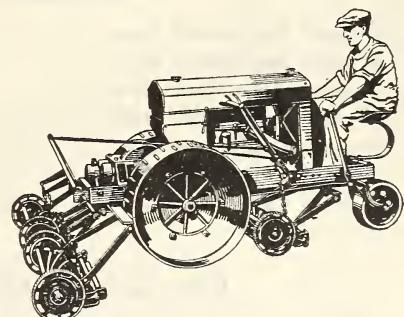
The Ideal Junior is just the mower for small lawns and also for use in cemeteries and on other lawns where there is much shrubbery or similar obstructions.

It cuts $\frac{1}{2}$ acre hourly and does the work of from 3 to 4 men with hand mowers. It is simple and reliable and can be operated by anyone.



THE IDEAL 30 INCH

The 30 inch Ideal cuts $\frac{3}{4}$ acre hourly and does the work of from 5 to 6 men with hand mowers. For parks, private estates and lawns of similar size, it has no equal.



IDEAL POWER TRIPLEX 84 INCH CUT

This model is for use on golf fairways, large parks and lawns of similar size. It actually cuts more lawn in a given time than any other outfit on the market.

It is simple and compact . . . built and designed for the purpose it serves. It is power steered and equipped with cutting units that are real cutters . . . designed for power work . . . and equipped with Timken Roller Bearings.

Don't buy until you have investigated the Ideal.

Write for special Ideal Catalog and complete information.

USEFUL ARTICLES FOR THE LAWN

PALISADE RUBBER GARDEN HOSE



An extra durable garden hose of the same construction as a cord automobile tire. Absolutely guaranteed to give satisfaction.

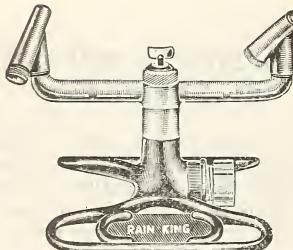
½ inch	12c. foot
¾ inch	14c. foot

Watering Pots



4 quart Galvanized Iron,.....	\$.80 each
6 quart Galvanized Iron,.....	.85 each
8 quart Galvanized Iron,.....	1.00 each
10 quart Galvanized Iron,.....	1.15 each
12 quart Galvanized Iron,.....	1.50 each
16 quart Galvanized Iron,.....	1.75 each
20 quart Galvanized Iron,.....	2.25 each

Rain King Sprinkler



simple in design. Absolutely nothing to get out of order. Free from the faults common to the average run of sprinklers. The Rain King is a real sprinkler—built for work.

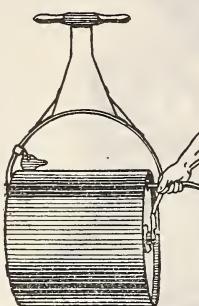
Nozzles turn in any direction. Their weight and balance on ends of sprinkler arm give the same principle of operation and advantages as an engine fly-wheel.

Made entirely of brass except the base. Has heavy bronze bearing and thrust collars.

Price \$3.50

The Rain King Sprinkler is strikingly different from any other sprinkler ever made. A wonderful combination: Circular or stationary spray—coarse or fine—fast or slow—large lawn—small lawn—trees—shrubs—flower beds—takes care of them all. Sturdy and

BIRCH'S "WATER-BALLAST" BALL BEARING ROLLERS



Can be made to vary in weight, depending upon the amount of water placed in the drums, which operation can be made by simply using an ordinary garden hose.

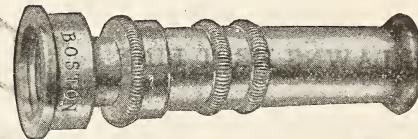
When the ground is soft they may be used empty, and in dry weather when all others are useless, they can be filled and worked to advantage.

Case hardened Ball Bearings guaranteeing easy running.

Counter balance weights each side, keeps the handle always upright when not in use.

No.	Diam. Inches	Length Inches	Sec- tions	Weight Empty	Filled with Water	Price
601	14	20	60 lbs.	160 lbs.	\$20.00	
602	18	24	75 "	330 "	23.75	
603	24	24	100 "	440 "	27.25	
604	24	32	115 "	590 "	29.50	

New Boston Hose Nozzle

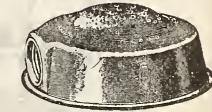


Will throw a coarse or fine spray or a large or small stream as may be desired.

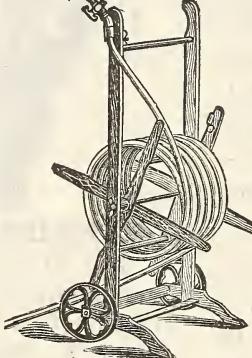
Price, 75c., by Parcel Post, 80c.

"Square Fountain"

As gentle and even as rain drops. Extra heavy brass. Built to stand the knocks. Price, 35c. By Parcel Post, prepaid, 40c.



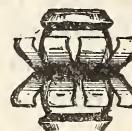
GRASS SHEARS



Lightning, 35c.; Sure Clip, 35c. each. Parcel Post Weight, 1 lb.

Perfect Clinching Hose Mender

It leaves the hose as smooth and strong and tight as a new hose.



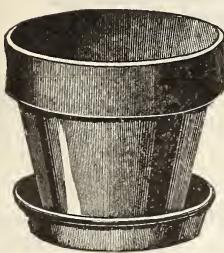
½ and ¾ inch, each 15c. Doz. \$1.50.

Hose Reel

Wood, \$1.00 each
All iron, \$2.00 and \$2.50

STANDARD FLOWER POTS

Earthenware



	Each	Doz.
2 inch	\$.02	\$.20
2½ " "	.03	.25
3 " "	.05	.40
3½ " "	.06	.45
4 " "	.07	.50
5 " "	.09	.85
6 " "	.12	1.20
7 " "	.25	2.00
8 " "	.30	2.75
9 " "	.45	4.00
10 " "	.60	5.40
11 " "	.80	8.25
12 " "	1.50	14.25
14 " "	1.75	
16 " "	4.00	
18 " "	6.00	
20 " "	7.50	

Inside measurement, width and depth equal.

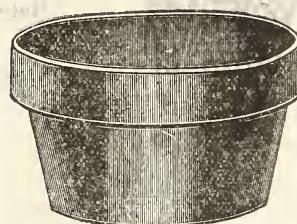
FLOWER POT SAUCERS

	Each	ea.	\$.30	doz.
3 inch	\$.03	ea.	\$.30	doz.
3½ " "	.04	"	.30	"
4 " "	.04	"	.36	"
5 " "	.05	"	.50	"
6 " "	.07	"	.65	"
7 " "	.09	"	.87	"
8 " "	.12	"	1.20	"
9 " "	.15	"	1.75	"
10 " "	.30	"	2.00	"
11 " "	.30	"	2.50	"
12 " "	.35	"	3.00	"
14 " "	.60	"	6.00	"

BULB PANS

Earthenware

	Each	Doz.
4 inch	\$.06	\$.50
5 " "	.07	.75
6 " "	.15	1.50
7 " "	.25	2.00
8 " "	.30	3.00
9 " "	.45	4.50
10 " "	.60	6.00
12 " "	1.50	13.00



FERN PANS

Earthenware

Size	Each	Doz.
4 x 1½ inches	\$.08	\$.65
4½ x 2½ "	.10	.85
5½ x 2½ "	.12	1.10
6½ x 2½ "	.15	1.25
7 x 2½ "	.16	1.50
8 x 3½ "	.20	2.00

NEPONSET PAPER FLOWER POTS

The Neponset Paper Flower Pot is a waterproof paper pot made from a tough fibre paper, and is especially adapted to the florist, gardener and nursery trade.

Size	Doz.	100
2½ inch	\$.10	\$.50
2½ " "	.12	.60
3 " "	.15	.90
3½ " "	.18	1.00
4 " "	.25	1.25
5 " "	.35	2.00
6 " "	.40	2.75



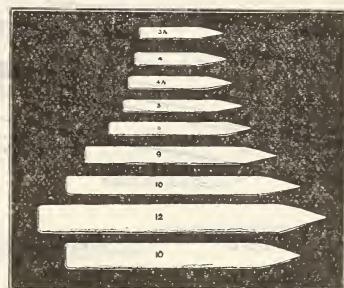
THE "HARRIS READY-TO-USE" LOCKED PLANT BAND



The principle evolved in the Plant Band is not a new one. The one feature which has prevented the general use of plant bands has been the time and labor required in making them up by hand. This disadvantage has been entirely eliminated by the bands which this Company offers to the trade, which are truly what the name implies "Ready-To-Use."

Size 2" x 2" x 2½".
Carton 250, \$1.00. Less than carton 1 cent each.

WOOD LABELS



	Plain	Painted	
	100	1000	1000
4 inch. Pot labels	\$0.20	\$1.15	\$1.60
4½ " "	.25	1.30	1.75
5 " "	.30	1.50	1.95
6 " "	.35	1.90	2.35
10 " "	.75	4.20	5.40
12 " "	.90	5.20	6.60
8 " Garden labels	.80		6.00
10 " "	1.00		7.50
12 " "	1.25		10.50
3½ " Tree labels, copper wired	.25	1.95	2.20

PLANT STAKES

For Greenhouse or Garden use.

Square. Painted green

Each	Doz.	100
1½ feet	\$0.03	\$ 2.00
2 " "	.04	3.50
2½ " "	.06	5.00
3 " "	.08	7.00
3½ " "	.12	8.50
4 " "	.15	11.00
5 " "	.20	16.00
6 " "	.25	18.00



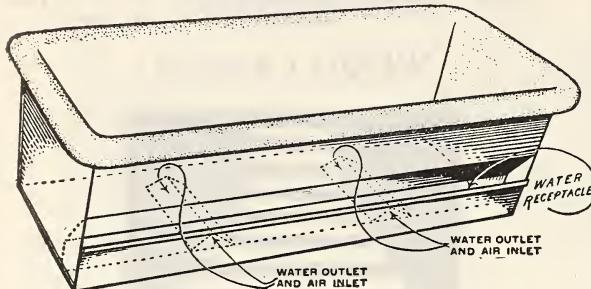
The Florist's Bull Dog Package Clip

Made of tempered steel, polished, unsurpassed for Florist's use, easily and quickly adjusted. Saves its cost in time and labor many times over. Packed in Boxes of 1,000—price, 75c. per thousand.



GALVANIZED STEEL PLANT BOX

This box has a patented bottom which gives the plants perfect drainage, and at the same time does not leak. The water receptacle runs full length of the box, and gives the roots a plentiful supply of clean water. It is made of strong, galvanized iron, neatly enameled in dark green. Convenient and practical for indoor or outdoor use. No staining of paint or disfiguring in any way.



Length	Width	Depth	Each
24 in.	8 1/2 in.	6 1/4 in.	\$1.30
30 "	8 1/2 "	6 1/4 "	1.70
36 "	8 1/2 "	6 1/4 "	2.50
48 "	8 1/2 "	6 1/4 "	3.50

Handy 2-in-1 Ladder

Made in following sizes

4 foot step ladder or 8 foot straight, \$2.60 each.

5 foot step ladder or 10 foot straight, \$3.25 each.

6 foot step ladder or 12 foot straight, \$3.90 each.

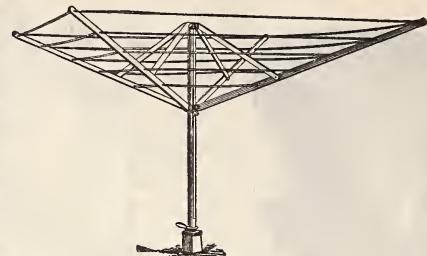
8 foot step ladder or 16 foot straight, \$5.20 each.



STEP LADDERS

Hub, per foot.....	75c.
Challenge, " "	80c.
Imperial, " "	75c.

MAINE OUTDOOR CLOTHES DRYER



No. 20 120 ft. line, Each \$7.00
No. 25 160 ft. line, Each 7.50



WHITE'S MOP WRINGERS

They wring with perfect ease. Wring quickly; fit any kind and size of pail; require no fastening.

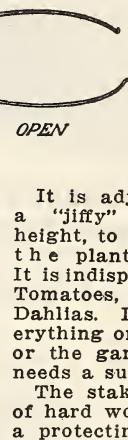
Family size, Each, \$2.25.
Hotel size, Each, \$3.50.

FOLDING TOMATO SUPPORT



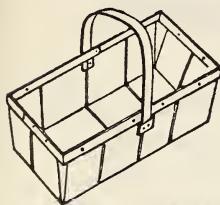
34 inches high. 20 inches in diameter at the top.
Price—per dozen \$3.50

"Adjusto" Plant Support



It is adjustable in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses and Dahlias. In fact, everything on the lawn or the garden that needs a support.

The stake is made of hard wood having a protecting coat of green paint. Price, 18c. each; \$1.75 per Doz.

PANSY BASKETS

Size—12 inches long, 7 inches wide, 4 inches deep.
Adjustable wooden handles, with tin fastenings on the ends.

Per 100, \$4.00; per 1,000, \$35.00
Size—10 inches long, 5 inches wide, 3 inches deep.

Adjustable wooden handles, with tin fastenings on the ends.

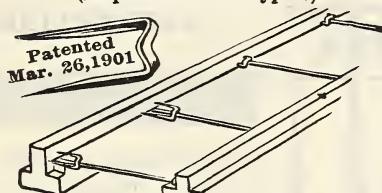
Per 100, \$3.00; per 1,000, \$27.00

Size—10 inches long, 5 inches wide, 3 inches deep
Wire handle attached.

Per 100, \$3.00; per 1,000, \$27.00

PEERLESS GLAZING POINT

(Improved Van Reyper.)



Made of steel wire and galvanized.

Price, box of 1,000, 75c.; by mail 85c.

HOTBED MATS

Made by hand of rye straw. Size 6 x 6 ft., each, \$3.50.

Larger quantities, write for prices.

GARDEN TROWELS

No. 809

No. 25 Eagle.....15c.
No. 809 Solid Steel.....25c.
No. 100 Socket Pattern.....40c.
Keystone 6 inch.....75c.



Steel Transplanting Fork.....45c.
Iron Transplanting Fork.....15c.



Excelsior Weeder.....20c.

NORCROSS CULTIVATOR HOES

MIDGET NORCROSS. Short handle for hand work.
Price, 40c.

3-PRONG NORCROSS. Light and can be used by women and children.

Price, 85c.

5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden should have one.

Price, \$1.25

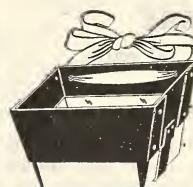
ASPARAGUS KNIFE

Made of Solid Steel

Goodell Double Point, P. P. Weight 1 lb. Each 40c.



Haseltine Weeder 25c. By Mail 30c.

**THE TIME-SAVER BERRY BOX HOLDER**

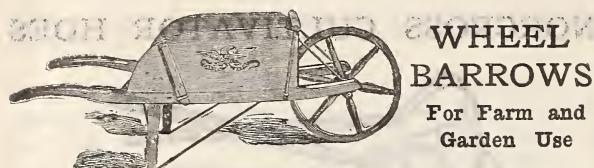
Use both hands picking berries.
Saves time enough to pay for itself in a few hours.

Pint size weighs 2½ oz. Price each \$0.40
Quart size weighs 3 oz. Price each .45

RAFFIA

For tying plants. Superior to twine for bunching asparagus, celery, etc.

Price per lb., 25c.



A. S. L. Garden. This Barrow is made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors.

Price, \$8.00.

TROWBRIDGE GRAFTING WAX



The best on the market.
1/4 lb. pkg. 15c.; 1/2 lb. pkg.
25c.; 1 lb. pkg. 40c.

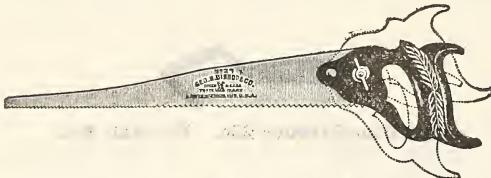
PRUNING SHEARS



Taylor Pattern, with coil spring, 9 inches Each \$0.60
California Pattern, with volute spring 9 inches " .85
Swiss Pattern, polish, 9 inches " 1.75
Levin Pattern, 7 inches, " .50

Sent by parcel post, prepaid.

UNIVERSAL PRUNING SAW



18 inch, \$1.75 postpaid

TELEGRAPH PRUNERS

With Socket for Handle, \$1.00 each

ASBESTOS TORCH

It will be found exceedingly effective in destroying nests of caterpillars, so destructive to fruit and shade trees. Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light and hold under the nests.

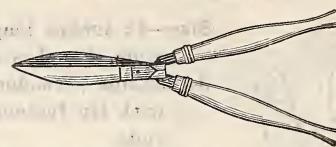
Price, 40c.

WIRE FRUIT PICKER



Each, 60c.

HEDGE SHEARS



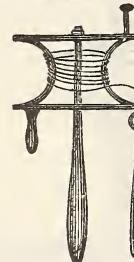
8 in. \$2.25; 9 in., \$2.50; 10 in. \$2.75;
12 in., \$2.25. With notch, 25c. extra

GRAFTING CHISEL



Made from the finest cast steel.
Price, each, 75c.

GARDEN LINE REEL



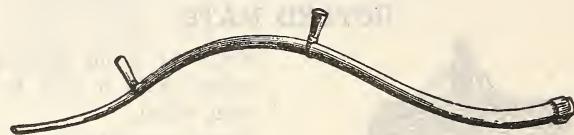
GARDEN LINES



Italian Hemp, 100 feet \$1.25

Price, \$1.75

SCYTHE SNATHS



No. 50 Regular Scythe, \$1.50
No. 100 Bush 1.75

SCYTHES



Little Giant, Heavy Bush, \$1.75
Solid Steel \$1.75 Bramble, or Light
Conqueror 1.75 Bush 1.75

SCYTHE RIFLES



Meadow King, 15c. Farmers' Friend, 15c.

SCYTHE STONES



Crescent, .....	.15
Black Diamond, fine, .....	.20
Carborundum, .....	.30

GARDEN HOES



Socket,	each,	\$1.10
Shank,	"	1.00
Corn,	"	1.10
Meadow,	"	1.10
Warren,	"	1.25
Onion,	"	1.10
Boys'	"	.85
Ladies',	"	.75

Scuffle Hoe



8 in., \$1.15

Arlington Scuffle Hoe

8 in. and 9 in. blades.
Each, \$3.50

Potato Hooks

5 Tine. Each, \$1.25
6 Tine. Each, 1.35IRON AND STEEL
GARDEN RAKES

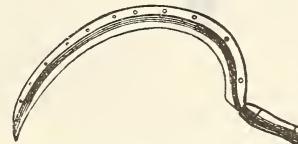
14 tooth, Malleable Iron,	\$.60
12 " Steel	.90
14 " "	1.10
16 " "	1.25
16 " " Gravel	1.25
18 " " "	1.50

Wood Lawn
Rakes
28 teeth.
Each, 90c.

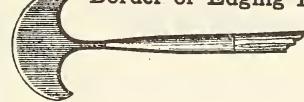
Wood Hay Rakes

No. 1—2 Bow 75c.

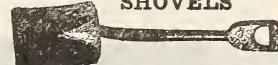
GRASS HOOKS

Meadow King, each, 35c.
Nolan, each, 85c.

Border or Edging Knife

Long handle. Each, \$1.15
D handle. Each, 1.35

SHOVELS

D Handle, Square or Round
Point. Long Handle, Square
or Round Point.

Each, \$1.25, \$1.50 and \$1.75

SPADES

D Handle. Each, \$1.50
Long " 1.35
Ames' Best " 2.00

Wire Vegetable Scoop Price 75c.

MANURE FORKS
With strap Ferules.4 Tine D handles, \$1.60
5 Tine D handles, 1.90
6 Tine D handles, 2.15SPADING FORKS
With strap Ferules.4 Tine D handles, \$1.70
4 Tine long handles, 1.60

HAY FORKS



2 and 3 tines, \$1.00 to \$1.25

LIGHTNING SNOW
PUSHERThree times quicker
than a shovel.See how the curved
blade turns the snow,
just like a plow—plow
and push the snow—
don't shovel. The push-
er cuts its way through
the snow like a knife,
cleaning a wide path
each time.Snow will not stick to
blade, as it is always
turning over.Try it on hard
tramped on snow—lifts
it off easily. You get
more force with less ef-
fort than with a shovel.

Price

20 inch \$1.60
24 inch \$2.00

SNOW SHOVELS

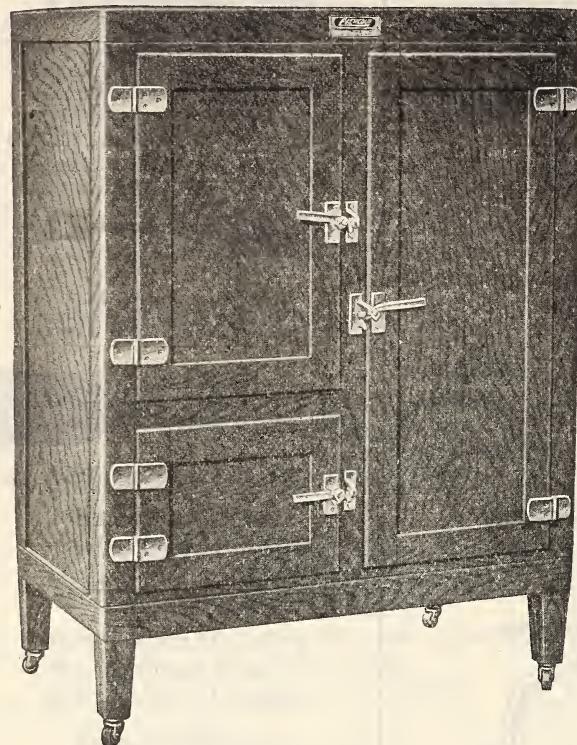
Crescent—Wood—Malleable Iron Tip
Blades of one piece basswood, bent,
varnished and attached to handles
by rivet and wire loop clasp with
steel back plate. Especially good
hanging shovel. Price, \$1.00.

The Trojan—Spring Steel Blade

Blades of high carbon spring steel
securely attached by rivets and wire
loop clasp to oval handles so shaped
at lower end as to give proper curve to
blade. The whole shovel finished in
varnish.A durable shovel with sharp cut-
ting edge which can be worn back
several inches without spoiling the
shovel. Price, \$1.00.

The Keystone—Steel

Blades of high grade No. 17 gauge
steel with hollow back socket to re-
ceive the handle to which it is se-
curely attached by two rivets.Price—Long handle 60c, D handle
75c.



EVERCOLD REFRIGERATORS

Through the air-tight Frame Construction, Celotex Insulation and scientifically constructed Air Spaces, the EVERCOLD will pay for itself in saving of ice alone.

Through the kinds and amounts of materials, and careful workmanship, the EVERCOLD will last a life-time.

Through constant circulation of Cold, Dry Air, the EVERCOLD always will keep foods Pure and Fresh.

The EVERCOLD is a "Sterling Quality" product and bears our guarantee in addition to that of the manufacturer.

SIZES

APARTMENT STYLE

Ice Capacity 75 lbs.
Ice Capacity 100 lbs.

TOP LIFT STYLE

Ice Capacity 50 lbs.
Ice Capacity 70 lbs.

SIDE ICER STYLE

Ice Capacity 75 lbs.
Ice Capacity 100 lbs.
Ice Capacity 145 lbs.

FINISH

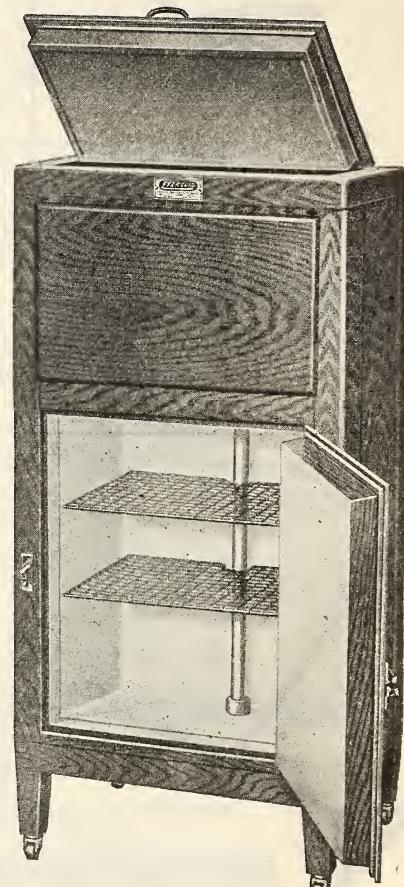
Golden Oak Pure White Enamel French Grey

LINING

Lock Seam Sheet Steel (White Enameled)
One Piece Seamless Porcelain

HARDWARE

Non-Corrosive and Removable Trap and Drain
Heavy Cast Nickel Plated Locks and Hinges
Woven Wire Shelves (Heavily Tinned)
Roller Bearing Casters



A complete Catalog and Price List will be mailed upon request.

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